



**COUNCIL OF
HIGHER SECONDARY EDUCATION
ODISHA, BHUBANESWAR**

**COURSES OF STUDIES
IN
ARTS STREAM**

**FOR THE
HIGHER SECONDARY EXAMINATION
2015 AD**

Rs. 20.00

CONTENTS

Sl.No.	Subject	Page No.
1.	Scheme of Studies.....	
2.a)	English.....	
b)	Modern Indian Language	
i)	Odia.....	
ii)	Hindi.....	
iii)	Bengali.....	
iv)	Telugu	
v)	Urdu.....	
vi)	Sanskrit.....	
vii)	Alternative English.....	
3.a)	Environmental Education.....	
b)	Yoga
c)	Basic Computer Education.....	
4.	Language	
i)	Odia.....	
ii)	Hindi.....	
iii)	Bengali.....	
iv)	Telugu.....	
v)	Urdu.....	
vi)	Sanskrit.....	
5. a)	History	
b)	Political Science.....	
c)	Logic	
d)	Economics.....	
e)	Statistics.....	
f)	Mathematics.....	
g)	Sociology.....	
h)	Geography.....	
i)	Education.....	
j)	Anthropology.....	
k)	Psychology.....	
l)	Home Science.....	
m)	Industrial Relations and Personnel Management	
n)	Indian Music	
o)	Information Technology.....	

SCHEME OF STUDIES

The following combinations in two years +2 Arts course of 2013-14 admission batch under CHSE(O) are allowed. Any deviation to this shall not be entertained.

1. Compulsory Subjects

- a) English
- b) M.I.L. (Odia / Telugu/ Bengali/ Urdu / Hindi/ Sanskrit/Alternative English)

Compulsory subjects(English and M.I.L.) carry 200 marks each

(100 Marks in 1st year and 100 marks in 2nd year)

2. Compulsory Subjects(To be assessed at the college level only)

Three compulsory subjects, Environmental Education(EE),Yoga , and Basic Computer Education(BCE) carry 100 marks each(1st year-Theory-70 marks and 2nd year - project/practical 30 marks) will be assessed at the college level and the grades (A+, A, B, C, D, in order of merit) are to be awarded by the College and the same shall be recorded in the body of the pass certificate given by the council subsequently. The grade secured in (EE/Yoga/BCE) will not affect the result of the candidate. The grade secured in individual subject shall be as follows.

<u>Marks</u>	<u>Grade</u>
70% and above	Gr A+
60% to 69%	Gr A
50% to 59%	Gr B
35% to 49%	Gr C
Below 35%	Gr D

3. Elective Subjects

1. History
2. Political science
3. Economics/IRPM
4. Logic/Geography
5. Mathematics/Home Science
6. Education/Psychology/Indian Music
7. Anthropology/Sociology/Statistics
8. Odia/Sanskrit/Persian/Hindi/Urdu/Bengali/Telugu.
9. Information Technology.

Elective subjects carry 200 marks each (100 marks in 1st year and 100 marks in 2nd year).A student has to offer four elective subjects (1st, 2nd, 3rd& 4th electives) in addition to compulsory subjects (,English, MIL,EE,YOGA and BCE)

COURSE STRUCTURE & DISTRIBUTION OF MARKS IN SUBJECTS

With the introduction of the new Course structure from the academic session 2006-07, basically to de-stress the students joining +2 courses under the CHSE, Odisha, there will be yearly examinations at the end of 1st year and 2nd year classes. 1st year and 2nd year courses have been separated accordingly. The 1st Year examination will be conducted at the college / H.S. School level for 100 marks in each subject and the 2nd year examination will be conducted at the Council level for 100 marks in each subject and 600 marks in total. Marks secured in the 1st year examination shall be considered only for promotion of students to the 2nd year class and it will have no bearing on the terminal examination, conducted by the Council at the end of the 2nd year. To become eligible for filling up of form for A.H.S examination, a student must have completed 2nd year course, sent up in the college level Test examination, secured minimum "D" grade in the college level examination of each subject i.e EE, YOGA and BCE, having minimum 75% attendance in individual subject (Theory and practical separately). However a student may be allowed in Alternative English and MIL other than MIL(O) without the classes being held.

Pass certificates will be awarded to successful candidates basing on the performance in the Council examination at the end of the 2nd year only as follows.

Pass mark (Theory=30%, Practical=40%, Aggregate=35%)

Division (1st =60% or above, 2nd =50% or above, 3rd =35% or above)

QUESTION PATTERN & DISTRIBUTION OF MARKS IN SUBJECTS WITH PRACTICAL FOR H.S EXAMINATION 2015

Total Marks-100 (Theory - 70 Marks & Practical- 30 Marks)

Theory(Total mark:70 ,Time: 3 hrs)

Group – A (Objective Type - Compulsory)

- Q.1.** Multiple Choice (10 bits from all units) 1 mark each × 10 = 10 marks
- Q.2.** One word answer / Very Short Answer/
Correct the Sentence / Fill in the blanks. 1 mark each × 10 = 10 marks

Group – B (Short Answer Type)

- Q.3..** Answer within two - three sentences 2 marks each × 10 = 20 marks
(out of 12 bits, one has to answer 10 bits)
- Q.4.** Answer within six sentences 3 marks each × 3 = 9 marks
(Out of five bits, one has to answer three bits)

Group C (Long Answer Type)

- Q5. to Q7** Out of six Questions from all units
one has to answer three question unit wise 7 marks each x 3 = 21 marks

QUESTION PATTERN AND DISTRIBUTION OF MARKS IN SUBJECTS WITHOUT PRACTICAL

For H.S. Examination 2015 (Total Marks – 100, Time:3hrs)

Group – A (Objective Type – Compulsory)

- Q.1** Multiple choice (15 bits from all units) 1 mark each x 15 =15 marks
Q.2 One word answer / Very short answer/
correct the sentence / fill in the blanks 1 mark each x 15=15 marks

Group B (Short Answer Type)

- Q.3** Answer within Two/three sentences 2 marks each x 11 =22 marks
(out of 14 bits, one has to answer 11 bits)
Q4. Answer within six sentences 3 marks each x 6 = 18 marks
(Out of eight bits, one has to answer six bits)

Group C(Long Answer type)

- Q5. to Q.10** Out of six Questions from all units, one has to answer 7.5 marks each x 4 = 30 marks
4 questions.

ENGLISH
+2, 1st year Arts
(Detailed syllabus)

No of perids: Yearly-80

Unit-I : PROSE

- | | |
|--|------------------------|
| i. Standing Up for Yourself | Yevgeny Yevtushenko |
| ii. The Legend behind a Legend | Hariharan Balakrishnan |
| iii. The Golden Touch | Nathaniel Hawthorne |
| iv. In London In Minus Fours | Louis Fischer |
| v. The Cancer Fight, from Hiroshima to Houston | Ritsuko Komaki |

Unit-II : POETRY

- | | |
|---|--------------------|
| i. Stopping by Woods on a Snowy Evening | Robert Frost |
| ii. Oft, in the Stilly Night | Thomas Moore |
| iii. The Inchcape Rock | Robert Southey |
| iv. To My True Friend | Elizabeth Pinard |
| v. Fishing | Gopa Ranjan Mishra |

Unit-III : NON DETAILED STUDY

- | | |
|------------------------------|---------------------|
| i. Three Questions | Leo Tolstoy |
| ii. After Twenty Years | O. Henry |
| iii. The Open Window | Saki |
| iv. The One and only Houdini | Robert Lado |
| v. Childhood | Jawaharlal Nehru |
| vi. Marriage | Dr. Rajendra Prasad |

Unit-IV: WRITING SKILLS

- (i) Writing a Paragraph
- (ii) Developing Ideas into Paragraphs
- (iii) Writing Personal Letters and Notes
- (iv) Writing Applications, Official Letters and Business letters
- (v) Writing Telegrams, E-mails, Personal Advertisements and Short Notices
- (vi) Using Graphics

Unit- V : GRAMMAR

- | | |
|------------------------------------|--------------------|
| I. Countable and Uncountable Nouns | |
| II. Tense Patterns | III. Modal Verbs |
| IV. Prepositions | V. The Imperatives |

Books prescribed : Invitation to English- 1, 2, 3 & 4, published by Odisha State Bureau of Textbook Preparation & Production, Bhubaneswar.

QUESTION PATTERN AND DISTRIBUTION OF MARKS

ENGLISH

+ 2, 1st year Arts (For College Level Examination)

Full Mark : 100

Time : 3 Hrs.

- 1. Reading Comprehension**
 - (a) Prescribed Prose Pieces. (5 questions to be answered, each carrying 2 marks) 10 marks
 - (b) Prescribed Poems (5 questions to be answered each carrying 2 marks) 10 marks
 - (c) Prescribed Extensive Reading Texts (2 questions to be answered carrying 5 marks each; only global, inferential and evaluative questions to be set) 10 marks
- 2. Reading - related skills**
 - (a) Vocabulary skills 5 marks
 - (b) Information Transfer (Converting verbal information to non-verbal forms, such as diagrams, charts and tables) 5 marks
 - (c) Reordering/sequencing sentences 5 marks
 - (d) Dictionary/Reference skills (2 marks on using a dictionary, and 3 marks meanings of a word) 5 marks
 - (e) Cohesive Devices 5 marks
- 3. Writing skills**
 - a) Letter Writing (personal/official/commercial: Word limit: 150) 10 marks
 - b) Description of object/event /process (Word limit: 150) 10 marks
 - c) Slogan/telegram/caption writing (Word limit: 10) 5 marks
- 4. Grammar in context** 10 marks
- 5. Translation/story-developing** 10 marks

ENGLISH
+2, 2nd Year Arts
(Detailed syllabus)

No. of periods: Yearly-80

Unit-I : PROSE

- | | | |
|------|-------------------------------|---|
| i. | My Greatest Olympic Prize | Jesse Owens |
| ii. | On Examinations | Winston S. Churchill |
| iii. | The Portrait of a Lady | Khushwant Singh |
| iv. | The Magic of Teamwork | Sam Pitroda
Bonnie A. M. Okonek and Linda
Morganstein |
| v. | Development of Polio Vaccines | |

Unit – II : POETRY

- | | | |
|------|-------------------------------|----------------------------|
| i. | Daffodils | William Wordsworth |
| ii. | The Ballad of Father Gilligan | William Butler Yeats |
| iii. | A Psalm of Life | Henry Wadsworth Longfellow |
| iv. | Television | Roald Dahl |
| v. | Money Madness | D.H. Lawrence |

Unit – III : NON-DETAILED STUDY

- | | | |
|------|------------------------------|-----------------|
| I. | The Doctor's Word | R K Narayan |
| II. | The Nightingale and the Rose | Oscar Wilde |
| iii. | Mystery of the Missing Cap | Manoj Das |
| iv. | The Monkey's Paw | W.W Jacobs |
| v. | My Mother | Charlie Chaplin |
| vi. | Stay Hungry. Stay Fit. | Steve Jobs |

Unit – IV : WRITING SKILLS

- (i) Interpreting Graph, Charts Tables and diagrams etc
- (ii) Reporting Events and Business Matters
- (iii) Note-making and summarizing
- (iv) Extended Writing:

Unit – V : GRAMMAR

- I. Revision of 'Tense Pattern's' and 'Modal verbs'
- II. Conditionals
- III. The Passive
- IV. Direct and Reported Speech
- V. Interrogatives
- VI. Phrasal Verbs

Books prescribed : Invitation to English -1, 2, 3 & 4, published by Odisha State Bureau of Textbook Preparation & Production, Bhubaneswar.

QUESTION PATTERN AND DISTRIBUTION OF MARKS

ENGLISH

+2, 2nd year Arts (For H.S. Examination 2015)

Full Mark : 100

Time : 3 Hrs.

- | | |
|--|----------|
| 1. Reading Comprehension | |
| (a) Prescribed prose Pieces
(5 questions to be answered carrying 2 marks each) | 10 marks |
| (b) Prescribed Poems (5 questions to be answered carrying 2 marks each) | 10 marks |
| (c) Prescribed Extensive Reading Texts
(2 questions to be answered carrying 5 marks each, only global,
inferential and evaluative questions to be set on a passage of about 250 words) | 10 marks |
| (d) Unseen Prose passage (5 questions including inferential ones,
carrying 2 marks each) | 10 marks |
| 2. Reading- related skills | |
| a) Vocabulary skills (to be tested on the unseen passage) | 5 marks |
| b) Information transfer (70 words) (Converting non-verbal information into verbal form) | 5 marks |
| c) Dictionary/Reference skills | 5 marks |
| 3. Writing skills | |
| (a) Report writing (200 words) | 10 marks |
| (b) Guided Note making on a given passage | 7 marks |
| (c) Summarizing on the same passage | 8 marks |
| (d) Essay writing (250 words - on given outlines) | 10 marks |
| 4. Grammar in context | 10 marks |

ଆଧୁନିକ ଭାରତୀୟ ଭାଷା – ଓଡ଼ିଆ

+୨ ପ୍ରଥମ ବର୍ଷ – କଳା

ସବିଶେଷ ପାଠ୍ୟକ୍ରମ

ପିରିଅଡ ସଂଖ୍ୟା – ବାର୍ଷିକ-୮୦

ପ୍ରଥମ ଏକକ – ଗଦ୍ୟ (୨୦ ପିରିଅଡ)

୧. ଅସୁର ଦୀଢ଼ି – ଫକୀର ମୋହନ ସେନାପତି
୨. ମୋ ସମୟର ଭାରତ ଓ ଓଡ଼ିଶା – ଡ. କୃଷ୍ଣଚନ୍ଦ୍ର ପାଣିଗ୍ରାହୀ
୩. ଆମେରିକାର ବିଶ୍ୱବିଦ୍ୟାଳୟମାନେ – ହୃଦାନନ୍ଦ ରାୟ
୪. ଜୈବ ଭାସ୍କର୍ଯ୍ୟର ଅନୁପମ ବିକାଶି ଜିନ୍ – ଶୈଳଶ୍ୱର ନନ୍ଦ

ଦ୍ୱିତୀୟ ଏକକ – ପଦ୍ୟ (୨୦ ପିରିଅଡ)

୧. ସତ୍ୟ ଆତ୍ମ କଥା – ସାରଳା ଦାସ
୨. ଛାଟ ପକାଇ କଲେ ଚିତ୍ରା – ଜଗନ୍ନାଥ ଦାସ
୩. ସରସୀରେ ରାଜକନ୍ୟା – କବି ସମ୍ରାଟ ଉପେନ୍ଦ୍ରଭଞ୍ଜ
୪. ଗଲାଣିତ ଗଲାକଥା – କବି ସୂର୍ଯ୍ୟ ବଳଦେବ ରଥ
୫. ସତ୍ୟରେ ମରିବି ସତ୍ୟର ଚରିବି – ଭୀମ ଭୋଇ

ତୃତୀୟ ଏକକ – ଏକାଙ୍କିକା (୨୦ ପିରିଅଡ)

୧. ଦୂର ପାହାଡ – ପ୍ରାଣବନ୍ଧୁ କର
୨. ମକଦ୍ଦମା – ଗୋପାଳ ଛୋଟରାୟ
୩. ଛଦ୍ମବେଶୀ – ବିଶ୍ୱଜିତ୍ ଦାସ

ଚତୁର୍ଥ ଏକକ – ବ୍ୟାକରଣ (୨୦ ପିରିଅଡ)

୧. ପ୍ରବନ୍ଧ ରଚନା / ଭାବ ସଂପ୍ରସାରଣ
୨. ରୂଢି ପ୍ରୟୋଗ
୩. ପଦ ନିର୍ଣ୍ଣୟ

ପାଠ୍ୟଗ୍ରନ୍ଥ : ସାହିତ୍ୟ ସରଣୀ – ପ୍ରଥମ ଭାଗ (ଓଡ଼ିଶା ରାଜ୍ୟ ପାଠ୍ୟ ପୁସ୍ତକ ପ୍ରଣୟନ ଓ ପ୍ରକାଶନ ସଂସ୍ଥା, ଭୁବନେଶ୍ୱର)

ପ୍ରଶ୍ନପତ୍ର ଜାଣି ଓ ମାର୍କ ବିନ୍ୟାସ
ଆଧୁନିକ ଭାରତୀୟ ଭାଷା – ଓଡ଼ିଆ
+୨ ପ୍ରଥମ ବର୍ଷ – କଳା (କଲେଜ ସ୍ତରୀୟ ପରୀକ୍ଷା)

ପୂର୍ଣ୍ଣ ସଂଖ୍ୟା-୧୦୦

ସମୟ-୩୦ମିନିଟ୍

ପ୍ରଥମ ଭାଗ (ଅତି ସଂକ୍ଷିପ୍ତ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ)

ପ୍ରଶ୍ନ ୧. ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ମଧ୍ୟରୁ ଠିକ୍ ଉତ୍ତରଟି ବାଛି ।

- ଗଦ୍ୟ - ୧ x ୪ = ୪ (୧ x ୧୪ = ୧୪ ନମ୍ବର)
- ପଦ୍ୟ - ୧ x ୪ = ୪
- ଏକାଙ୍କିକା - ୧ x ୪ = ୪

ପ୍ରଶ୍ନ ୨. ଗୋଟିଏ ବାକ୍ୟରେ ଉତ୍ତର ଲେଖ । (୧ x ୧୩ = ୧୩ ନମ୍ବର)

- ଗଦ୍ୟ-ଗୀତିରୁ ୨ ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୧ x ୨ = ୨
- ପଦ୍ୟ-ଗୀତିରୁ ୨ ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୧ x ୨ = ୨
- ଏକାଙ୍କିକା-ଗୀତିରୁ ୨ ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୧ x ୨ = ୨
- ବ୍ୟାକରଣ-ଏକ ଗଦ୍ୟ ଅନୁଚ୍ଛେଦର ୧୦ଟି ରେଖାଙ୍କିତ
- ପଦ୍ୟ ମଧ୍ୟରୁ ୭ଟିର ପଦ ଚିହ୍ନିତ ଦେବାକୁ ହେବ - ୧ x ୭ = ୭

ଦ୍ୱିତୀୟ ଭାଗ (ସଂକ୍ଷିପ୍ତ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ)

ପ୍ରଶ୍ନ ୩. ୧୪ଟି ପ୍ରଶ୍ନ ମଧ୍ୟରୁ ୧୧ଟିର ଉତ୍ତର ପ୍ରତ୍ୟେକ ୨ଟି ବାକ୍ୟରେ ଲେଖ ।

(୨ x ୧୧ = ୨୨ ନମ୍ବର)

- ଗଦ୍ୟ- ଗୀତିରୁ ୨ ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୨ x ୨ = ୪
- ପଦ୍ୟ- ଗୀତିରୁ ୨ ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୨ x ୨ = ୪
- ଏକାଙ୍କିକା- ଗୀତିରୁ ୨ ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୨ x ୨ = ୪
- ବ୍ୟାକରଣ- ରାଜ ପ୍ରୟୋଗରୁ ୮ଟି ପ୍ରଶ୍ନରୁ ୫ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ । - ୨ x ୫ = ୧୦

ପ୍ରଶ୍ନ ୪. ୩୦ଟି ଶବ୍ଦରେ ଉତ୍ତର ଲେଖ ।

(୩ x ୨ = ୧୮ ନମ୍ବର)

ପଦ୍ୟ – ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।

ଗଦ୍ୟ – ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।

ଏକାଙ୍କିକା – ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।

ତୃତୀୟ ଭାଗ (ଦୀର୍ଘ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ)

ପ୍ରଶ୍ନ ୫. ରୁ ୮. ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉତ୍ତର ୧୫୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।

(୮ x ୪ = ୩୨ ନମ୍ବର)

ଗଦ୍ୟ : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ ।

(୮ x ୧ = ୮ ନମ୍ବର)

ପଦ୍ୟ : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ ।

(୮ x ୧ = ୮ ନମ୍ବର)

ଏକାଙ୍କିକା : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ ।

(୮ x ୧ = ୮ ନମ୍ବର)

ପ୍ରବନ୍ଧ/ଭାବସଂପ୍ରସାରଣ : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ । (୮ x ୧ = ୮ ନମ୍ବର)

ଆଧୁନିକ ଭାରତୀୟ ଭାଷା – ଓଡ଼ିଆ

+୨ ଦ୍ଵିତୀୟ ବର୍ଷ – କଳା

ସବିଶେଷ ପାଠ୍ୟକ୍ରମ

ପିରିଅଡ ସଂଖ୍ୟା – ବାର୍ଷିକ-୮୦

ପ୍ରଥମ ଏକକ – ଗଦ୍ୟ (୨୦ ପିରିଅଡ)

୧. ଜାତୀୟ ଜୀବନରେ ସାହିତ୍ୟର ସ୍ଥାନ – ବିଶ୍ଵନାଥ କର
୨. କ୍ଷମା – ମାୟାଧର ମାନସିଂହ
୩. ଭୁଲ – ଭୁବନେଶ୍ଵର ବେହେରା
୪. ଜାତିର ଜୀବନ ଓ ସଂସ୍କୃତି – ଗୋଲୋକ ବିହାରୀ ଧଳ

ଦ୍ଵିତୀୟ ଏକକ – ପଦ୍ୟ (୨୦ ପିରିଅଡ)

୧. ଚନ୍ଦ୍ରଭାଗା – ରାଧାନାଥ ରାୟ
୨. ସ୍ଫୁଳ କଳେବର ନୁହଇ ଅମର – ଗଙ୍ଗାଧର ମେହେର
୩. ଧର୍ମପଦର ଆତ୍ମଲିପି – ଗୋପବନ୍ଧୁ ଦାସ
୪. ଗ୍ରାମ ଶ୍ଵଶାନ – ସଚ୍ଚିଦାନନ୍ଦ ରାଉତରାୟ
୫. ବିଶ୍ଵଜୀବନ ପଥେ – ରାଧାମୋହନ ଗଡନାୟକ

ତୃତୀୟ ଏକକ – ଗଳ୍ପ (୨୦ ପିରିଅଡ)

୧. ଏବେ ମଧ୍ୟ ବଞ୍ଚିଛି – ଗୋଦାବରୀଶ ମହାପାତ୍ର
୨. ବିଚ୍ଛନ୍ଦର ଓ ରେଳଗାଡ଼ି – କାଳିନ୍ଦୀ ଚରଣ ପାଣିଗ୍ରାହୀ
୩. ଅନେକ ସ୍ଵିତ ହସ – ମନୋଜ ଦାସ
୪. ଦର୍ଶନ – ବୀଣାପାଣି ମହାନ୍ତି

ଚତୁର୍ଥ ଏକକ – ବ୍ୟାକରଣ (୨୦ ପିରିଅଡ)

୧. ଦରଖାସ୍ତ ଲିଖନ ।
୨. ଅବରୋଧ ପରୀକ୍ଷଣ ।
୩. ବିପରୀତ ଅର୍ଥ ବୋଧକ ଶବ୍ଦ ।
୪. ସମୋଚ୍ଚାରିତ ଭିନ୍ନାର୍ଥବୋଧକ ଶବ୍ଦ ।
୫. ଏକପଦୀକରଣ ।

ପାଠ୍ୟଗ୍ରନ୍ଥ : ସାହିତ୍ୟ ସରଣୀ – ଦ୍ଵିତୀୟ ଭାଗ (ଓଡ଼ିଶା ରାଜ୍ୟ ପାଠ୍ୟ ପୁସ୍ତକ ପ୍ରଣୟନ ଓ ପ୍ରକାଶନ ସଂସ୍ଥା, ଭୁବନେଶ୍ଵର)

ପ୍ରଶ୍ନପତ୍ର ଜାଣି ଓ ମାର୍କ ବିନ୍ୟାସ
ଆଧୁନିକ ଭାରତୀୟ ଭାଷା – ଓଡ଼ିଆ
+୨ ଦ୍ଵିତୀୟ ବର୍ଷ – କଳା (ଉଚ୍ଚ ମାଧ୍ୟମିକ ପରୀକ୍ଷା – ୨୦୧୫)

ପୂର୍ଣ୍ଣ ସଂଖ୍ୟା-୧୦୦

ସମୟ-୩୦ମିନିଟ୍

ପ୍ରଥମ ଭାଗ (ଅତି ସଂକ୍ଷିପ୍ତ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ)

ପ୍ରଶ୍ନ ୧. ୧୫ଟି ପ୍ରଶ୍ନର ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ମଧ୍ୟରୁ ଠିକ୍ ଉତ୍ତରଟି ବାଛି । (୧ x ୧୫ = ୧୫ ନମ୍ବର)

- ଗଦ୍ୟ - ୧ x ୫ = ୫
- ପଦ୍ୟ - ୧ x ୫ = ୫
- ଗଳ୍ପ - ୧ x ୫ = ୫

ପ୍ରଶ୍ନ ୨. ୧୫ଟି ପ୍ରଶ୍ନର ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଲେଖ / ଶୂନ୍ୟସ୍ଥାନ ପୂରଣ ବା ଭ୍ରମସଂଶୋଧନ କର ।

(୧ x ୧୫ = ୧୫ ନମ୍ବର)

- ଗଦ୍ୟ-୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୧ x ୨ = ୨
- ପଦ୍ୟ-୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୧ x ୨ = ୨
- ଗଳ୍ପ - ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୧ x ୨ = ୨
- ବ୍ୟାକରଣ-ବିପରୀତ ବୋଧକଶର (୫ଟିରୁ ୩ଟିର) - ୧ x ୩ = ୩
- ସମୋଚ୍ଚାରିତ ଭିନ୍ନାର୍ଥବୋଧକ ଶବ୍ଦ (୫ଟିରୁ ୩ଟିର) - ୧ x ୩ = ୩
- ଏକପଦିକରଣ (୫ଟିରୁ ୩ଟିର) - ୧ x ୩ = ୩

ଦ୍ଵିତୀୟ ଭାଗ (ସଂକ୍ଷିପ୍ତ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ)

ପ୍ରଶ୍ନ ୩. ୧୫ଟି ପ୍ରଶ୍ନ ମଧ୍ୟରୁ ଯେକୌଣସି ୧୧ଟିର ଉତ୍ତର ପ୍ରତ୍ୟେକ ୨ଟି ବାକ୍ୟରେ ଲେଖିବାକୁ ହେବ ।

(୨ x ୧୧ = ୨୨ ନମ୍ବର)

- ଗଦ୍ୟ- ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୨ x ୨ = ୪
- ପଦ୍ୟ- ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୨ x ୨ = ୪
- ଗଳ୍ପ - ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୨ x ୨ = ୪
- ବ୍ୟାକରଣ- ଅବରୋଧ ପରୀକ୍ଷଣ ନିମନ୍ତେ ଏକ
- ଗଦ୍ୟ ଅନୁଲେଖ ଦିଆଯିବ ଓ ସେଥିରୁ ୫ଟି ପ୍ରଶ୍ନ ପଢ଼ିବ । - ୨ x ୫ = ୧୦

ପ୍ରଶ୍ନ ୪. ୮ଟି ପ୍ରଶ୍ନ ମଧ୍ୟରୁ ୬ଟି ପ୍ରଶ୍ନର ଉତ୍ତର ପ୍ରତ୍ୟେକ ୩୦ଟି ଶବ୍ଦରେ ଲେଖ । (୩ x ୬ = ୧୮ ନମ୍ବର)

(୯ଟି ପ୍ରଶ୍ନରୁ ୬ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ)

ପଦ୍ୟ – ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।

ଗଦ୍ୟ – ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।

ଗଳ୍ପ – ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।

ତୃତୀୟ ଭାଗ (ଦୀର୍ଘ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ)

ପ୍ରଶ୍ନ ୫. ରୁ ୮. ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉତ୍ତର ୧୫୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।

(୩୦ ନମ୍ବର)

ଗଦ୍ୟ : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ । (୮ x ୧ = ୮ ନମ୍ବର)

ପଦ୍ୟ : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ । (୮ x ୧ = ୮ ନମ୍ବର)

ଗଳ୍ପ : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ । (୮ x ୧ = ୮ ନମ୍ବର)

ଦରଖାସ୍ତ ଲିଖନ : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ । (୬ x ୧ = ୬ ନମ୍ବର)

M.I.L. (HINDI)
+2 1st Year Arts
(Detailed Syllabus)

No. of Periods : Yearly - 80

- | | |
|-----------------------------|------------|
| 1. Unit – I (गद्य) | 20 Periods |
| सम्पूर्ण (All) | |
| 2. Unit – II (काव्य) | 20 Periods |
| सम्पूर्ण (All) | |
| 3. Unit – III (भाषा अध्ययन) | 20 Periods |
| सम्पूर्ण (All) | |
| 4. Unit – IV (निबन्ध) | 20 Periods |
| शमसामयिक विषय (All) | |

Books Prescribed :

- | | |
|------------------------------|--------------------------|
| पाठक पुस्तक : साहित्य विविधा | - सं.प्र. एम. वेंकटेश्वर |
| | - डा. स्मरप्रिया मिश्र |
| | - सोनम प्रकाशन, |
| | बादामबाडी, कटक |

QUESTION PATTERN AND DISTRIBUTION OF MARKS
MIL (HINDI)

+2 1st Year Arts (For College Level Exam.)

Full Mark : 100

Time : 3 Hrs.

GROUP-A (OBJECTIVE TYPE)

1. Multiple Choice (5 questions from units I, II & III each) [1x15=15 Marks]
2. One word answer (from units I, II & III) / [1x15=15 Marks]
Correct the sentences (from units I, II & III)
Fill up the Blanks from units I, II & III

GROUP-B (SHORT ANSWER TYPE)

3. Write notes on any five (From Unit-I, II & III) [2x11=22 Marks]
(out of 14 bits, one has to answer 11 bits in 2 to 3 sentences each)
4. Explain only (From Unit – I & II) [3x6=18 Marks]
(out of 8 bits, one has to answer 6 bits in 6 sentences each)

GROUP-C (LONG ANSWER TYPE)

5. to 10. Long answer type questions from units I, II, III & IV [7½ x4=30 Marks]
(out of 6 questions, one has to answer 4 questions in
about 150 words each)

M.I.L. (HINDI)
+2, 2nd Year Arts
(Detailed Syllabus)

No. of Periods : Yearly - 80

- | | |
|--|------------|
| 1. Unit – I (गद्य) | 20 periods |
| सम्पूर्ण (All) | |
| 2. Unit – II (काव्य) | 20 periods |
| सम्पूर्ण (All) | |
| 3. Unit – III (कहानी) | 20 periods |
| सम्पूर्ण (All) | |
| 4. Unit – IV | 20 periods |
| (क) पत्र लेखन (व्यक्तिगत एवं आवेदन पत्र) | |
| (ख) पल्लवन | |

Books Recommended :

- पाठक पुस्तक : साहित्य विविधा- II
- सं.डा. शंकरलाल पुरोहित
 - डा. कमलप्रभा कपानी

QUESTION PATTERN AND DISTRIBUTION OF MARKS
MIL (HINDI)

+2 2nd Year Arts (For HS Exam. 2015)

Full Mark : 100

Time : 3 Hrs.

GROUP-A (OBJECTIVE TYPE)

1. Multiple Choice (5 questions from units I, II & III each) [1x15=15 Marks]
2. One word answer (from units I, II & III) / [1x15=15 Marks]
Correct the sentences (from units I, II & III)
Fill up the Blanks from units I, II & III

GROUP-B (SHORT ANSWER TYPE)

3. Write notes on any five (From Unit-I, II & III) [2x11=22 Marks]
(out of 14 bits, one has to answer 11 bits in 2 to 3 sentences each)
4. Explain only (From Unit – I & II) [3x6=18 Marks]
(out of 8 bits, one has to answer 6 bits in 6 sentences each)

GROUP-C (LONG ANSWER TYPE)

- 5 to 10. Long answer type questions from units I, II, III & IV [7½ x4=30 Marks]
(out of 6 questions, one has to answer 4 questions in
about 150 words each)

M.I.L (BENGALI)

+ 2 , 1st Year Arts
(Detailed syllabus)

No. of Periods: Yearly-80

Unit – I : Prose :

20 perids

- | | | | |
|----|--------------------|---|-----------------------------|
| 1. | Bangladeshe Nilkar | - | Pyarichand Mitra |
| 2. | Sitar Banabas | - | Iswarchandra Vidyasagar |
| 3. | Bisarjan | - | Bankimchandra Chattopadhyay |
| 4. | Sudra Gagaran | - | Swami Vivekananda |

Unit – II : Poetry :

20periods

- | | | | |
|----|------------------|---|----------------------|
| 1. | Srigoura Chandra | - | Gobindra Das Kabiraj |
| 2. | Bhabollas | - | Vidyapati |
| 3. | Premer Tulana | - | Durija Chandidas |
| 4. | Avigir Akshep | - | Gyandas |

Unit – III : Novel (Non-Detailed)

20 periods

- | | | |
|-----------------------------|---|-----------------------------|
| Srikanta (Chapter – 1 to 7) | - | Sarat Chandra Chattopadhyay |
|-----------------------------|---|-----------------------------|

Unit – IV : Grammar

20 periods

Proverbs and Idioms, Sentence and Word formation, Anonyms and Synonyms

Books Prescribed :

- A. Prose : Uchha Madhayamik Bangia Sankalan (Gadya) for XI & XII, Published by Paschim Banga Uchha Madhyamik Sikshya Sansad, Viswa Vharati.
- B. Poetry : Madhukari – Kalidas Ray, Published by Orient Book Company, Kolkata – 12

QUESTION PATTERN AND DISTRIBUTION OF MARKS

MIL (BENGALI)

+ 2, 1st Year Arts (For College Level Exam)

Full Mark : 100

Time : 3 Hrs

Group – A (Objective Type – Compulsory)

- Q.1** Multiple choice (15 bits from all units) 1 mark each x 15 =15 marks
- Q.2** One word answer / Very short answer/
correct the sentence / filling up the blanks 1 mark each x 15=15 marks

Group B (Short type Answer)

- Q.3** Answer within Two/three sentences 2 marks each x 11 =22 marks
(out of 14 bits, one has to answer 11 bits)
- Q.4.** Answer within six sentences 3 marks each x 6 = 18 marks
(Out of eight bits, one has to answer six bits)

Group C(Long answer type)

- Q5.** Out of six Questions from all units, one has to 7.5 marks each x 4 = 30 marks
to answer 4 questions.
- Q.10**

M.I.L (BENGALI)
+2, 2nd Year Arts
(Detailed syllabus)

No. of perids:Yearly-80

Unit – I : Prose : **20 periods**

- | | | | |
|----|---------------|---|------------------------------|
| 1. | Bangia Bhasa | - | Haraprasad Sastri |
| 2. | Tota Kahini | - | Rabindra Nath Tagore |
| 3. | Naisha Avijaa | - | Sarat Ch. Chattopadhyay |
| 4. | Aranya | - | Bibhuti Bhushan Bandopadhyay |

Unit – II : Poetry : **20 periods**

- | | | | |
|----|--------------------|---|------------------------|
| 1. | Baisakh | - | Oebendra Nath Sen |
| 2. | Lohar Byatha | - | Jatindra Nath Sengupta |
| 3. | Swarga Haite Viday | - | Rabindra Nath Tagore |
| 4. | Rupai | - | Jasimuddin |

Unit – III : Novel – (Non – detailed Study) **20 periods**

Srikanta (Chapter 8 to 12) - Sarat Chandra Chattopadhyay

Unit – IV : Grammar and Essay **20 periods**

1. Pada Paribartan
2. Somas
3. Somo charita – Bhinna Thark Sobda and its application in sentences.

Books Prescribed :

Prose : Uchha Madhyamik Bangia Sankal an (Gadya) for Class XI & XII, Published by Paschim Banga Uchha Madhyamik Siksha Sansad, Viswa Varati.

Poetry : Madhukari – Kalidas Ray, Published by Orient Book Company, Kolkata – 12

QUESTION PATTERN AND DISTRIBUTION OF MARKS
MIL (BENGALI)
+ 2, 2nd Year Arts (For H.S. Exam - 2015)

Full Mark : 100

Time : 3 Hrs

Group – A (Objective Type – Compulsory)

- Q.1** Multiple choice (15 bits from all units) 1 mark each x 15 =15 marks
- Q.2** One word answer / Very short answer/
correct the sentence / filling up the blanks 1 mark each x 15=15 marks

Group B (Short Answer Type)

- Q.3** Answer within Two/three sentences 2 marks each x 11 =22 marks
(out of 14 bits, one has to answer 11 bits)
- Q4.** Answer within six sentences 3 marks each x 6 = 18 marks
(Out of eight bits, one has to answer six bits)

Group C(Long Answer Type)

- Q5.** Out of six Questions from all units, one has to 7.5 marks each x 4 = 30 marks
to answer 4 questions.
- Q.10**

M.I.L (TELUGU)

+ 2, 1st Year Arts

(Detailed syllabus)

No. of periods:Yearly-80

UNIT – I Poetry : (20 periods)

- | | | |
|-------------------------|---|--------------------------|
| 1. Ekalavyudu | - | Nannaya Bhattu |
| 2. Balivamana Samvadamu | - | Bammera Potana |
| 3. Subhashitamulu | - | Enugu Lakshmana Kavi |
| 4. Tokachukka | - | Gurajada Apparao |
| 5. Gongali Purugulu | - | Balagangadhara Tilak |
| 6. Pushpa Vilapamu | - | Jandhyala Papayya Sastri |

UNIT – II Prose : (20 periods)

- | | | |
|----------------------------------|---|-----------------------------|
| 1. Mitra Labhamu | - | Paravastu Chinnayasuri |
| 2. Vemana | - | Dr G.V.Krishna Rao |
| 3. C.P. Brown Sahitya Seva | - | Prof. K. Sarvothama Rao |
| 4. A I D S | - | Dr. Singupuram Narayana Rao |
| 5. Telugu Patrikala Purva Rangam | - | Namala Visveswara Rao |

UNIT – III Non – Detailed Study : (16 periods)

- | | | |
|--------------------|---|-------------------|
| Raja Raja Prasasti | - | Prof. S. Gangappa |
|--------------------|---|-------------------|

UNIT – IV (A) Grammar : (16 periods)

Vibhaktulu - Pratyayalu, Prakruti - Vikrutulu, Vyatireka Padamulu, Paryaya Padamulu, Jateeyalu - Padabandhalu

B) Letter Writing / General Essay:

BOOKS PRESCRIBED :

1. Poetry & Prose : Sahitee Vipanchi by Dr. Singupuram Narayana Rao
2. Non-Detailed Study : Raja Raja Prsasti by Prof. S. Gangappa
3. Grammar : Vyakarana Parijatamu by Dr. Singupuram Narayana Rao.

QUESTION PATTERN & DISTRIBUTION OF MARKS
M.I.L (TELUGU)
+ 2, 1st Year Arts (For College Level Exam)

Full Marks: 100

Time: 3 hours

Group- A (Objective Type - Compulsory)

- | | |
|--|----------------|
| 1. Fifteen multiple choice questions (from unit I, II & III) | 1×15 =15 Marks |
| 2. Fifteen very short questions (from unit IV- A) | 1×15=15Marks |

Group- B (Short Answer Type)

- | | |
|--|---------------|
| 3. Short questions and Bhabartha(from Unit I, II & III) | 2×11=22 Marks |
| 4. Short questions from Unit – I,II,III,IV-A | 3×6=18 Marks |

Group -C (Long Answer Type)

- | | |
|---|--------------|
| 6. Three long questions with alternative | 7×3=21 Marks |
| 7. Letter writing /essay with alternative(from unit iv-B) | 9×1=9 Marks |

TOTAL	100 marks
-------	-----------

M.I.L (TELUGU)
+ 2, 2nd Year Arts
(Detailed syllabus)

No. of periods:Yearly-80

UNIT – I Poetry : (20 periods)

- | | | |
|--------------------------|---|--------------------------------|
| 1. Sanjaya Rayabharamu | - | Tikkana Somayaji |
| 2. Hanumatsandesamu | - | Atukuri Molla |
| 3. Piradausi Lekha | - | Gurram Jashuwa |
| 4. Manchi Mutyala Saralu | - | Sri Sri |
| 5. Jateeyata | - | Dr. Nagabhairava Koteswara Rao |
| 6. Panjaramlo Amma | - | Dr. Bhusurapalli Venkateswarlu |

UNIT – II Prose : (20 periods)

- | | | |
|---------------------------------------|---|-------------------------------|
| 1. Mitra Bhedamu | - | Paravastu Chinnayasuri |
| 2. Rayaprolu streevada drukupadham | - | Prof K.Yadagiri |
| 3. Ahalya Sankrandanam Patra Chitrana | - | Dr. Nagabhairava Adinarayana |
| 4. Veyipadagalu Samajika Drukpadham | - | Dr. Singupuram Nayayana Rao |
| 5. Goutama Budhudu | - | Dr. V. Rajagopala Chakravarty |

UNIT – III Non – Detailed Study : (16 periods)

- | | | |
|--------------|---|--------------------|
| Rudrama Devi | - | Smt. P.B. Kausalya |
|--------------|---|--------------------|

UNIT – IV A) Grammar : (16 periods)

Paribhashika padamulu
Chandssu : Utpalamala, Champakamala,
Sardhulamu, Mathebhamu, Ataveladi, Tetageeti
Alankaramulu :Upama, Rupaka, Utpreksha, Ardhanteranyasa, Atisiyokti

B) Re-Translation (English to Telugu) :(08 periods)

BOOKS PRESCRIBED :

- | | | |
|------------------------------|----------|---|
| 1) Poetry & Prose | : | Sahitee Mandaram
- By Dr. Singupuram Narayana Rao |
| 2) Non-Detailed study | : | Rudramadevi
- By Smt. P.B. Kausalya |
| 3) Grammar | : | Vyakarana Parijatamu
- By Dr. Singupuram Narayana Rao |

QUESTION PATTERN & DISTRIBUTION OF MARKS

M.I.L (TELUGU)

+ 2, 2nd Year Arts (For H.S. Exam 2015)

Full Marks: 100

Time: 3 hours

Group- A (Objective Type - Compulsory)

1. Fifteen multiple choice questions (from unit I, II & III) 1×15=15Marks
2. Fifteen very short questions (from unit IV- A) 1×15=15 Marks

Group- B (Short Answer Type)

3. short questions and Bhabartha (from Unit I, II & III) 2×11=22 Marks
4. short questions (from Unit I,II,III, IV-A) 3×6=18 Marks

Group -C (Long Answer Type)

6. Three long questions with alternative 7×3=21 Marks
7. Letter writing /essay with alternative(from unit iv-B) 9×1=9 Marks

TOTAL

100 marks

M.I.L (URDU)
+2, 1st Year Arts
(Detailed syllabus)

No. of perods:Yearly-80

Unit – I : Prose :

20 Periods

- i. Sair Pahle Darwesh Ki--- Mir Amman
- ii. Lakhnow Ki Raisana Zindagi KI Ek Jhalak---Sharar
- iii. Khutut---Mirza Ghalib
- iv. Kalim Daulat A bad mein--- Nazir Ahmed
- v. Ghalib Ki Shairi--- Hali
- vi. Bahaduron ke Karname --- Hasan Nizami
- vii. Namak Ka Darogha --- Premchand

Unit – II : (a) Poetry :

24 Periods

- i. Qaid Khane Ki Rat--- Mir Anis
- ii. Jogan Aur Chandni Rat--- Mir Hasan
- iii. Tazhiq- E- Rozgar--- Sauda
- iv. Israf--- Hali
- v. Ahd-E-Wafa--- Akhtarul Iman

(b) Ghazaliyat :

First two Ghazals from the following poets i. Wali, ii. Meer, iii. Ghalib, iv. Momin, v. Atish

Unit – III : Non Detailed Study :-

16 Periods

- Only first half of any one of the following books prescribed
- i. Taubatun Nasooh :-
By Deputy Nazeer Ahemad
To be had from Maktab – E-Jamiya Ltd Jamia Nagar New Delhi- 110025
 - ii. Musaddas Hali
By Altaf Husain Hali
To be had from Educational Book House Aligarh (U.P) 5.

Unit – IV : Letter writing :

There shall be Letter Writing / Application Writing

5 Periods

Unit – V : Grammar

15 Periods

1. Ism Ki Quismen
2. Fail Ki Quismen
3. Sabqueour Laahque
4. Mutashaba Alfaz

Books Prescribed:

1. **Prose & poetry:** MEYAR-E-ADAB, compiled by Prof. Suraiya Husain, (To be had from Education Book House, Aligarh, U.P)
2. **Grammar:** Urdu Zaban –o – Quwaid Part – I, By Shafi Ahmed Siddiqui

QUESTION PATTERN AND DISTRIBUTION OF MARKS
M.I.L (URDU)

+ 2, 1st Year Arts(For College Level Exam)

Full Marks:100

Time: 3hrs

Group-A (Objective Type - Compulsory)

- Q.1 Objective type questions from all units prose, Poetry and non-detailed 1 5 =15 marks
- a. Five objective type questions from prose 1 x 5=5 marks
 - b. Five objective type questions from poetry 1 x 5=5 marks
 - c. Five objective type questions from Non-detailed 1 x 5 =5 marks
- Q.2 Grammar
- a. One word answer five questions 1 x 5 = 5 marks
 - b. Very short answer five questions 1 x 5 = 5 marks
 - c. Fill up the Blanks five questions 1 x 5= 5 marks

Group- B (Short Answer Type)

- Q.3 Answer within two/three sentences
- a. Prose- Six questions to be answered out of eight questions 2 x6=12 Marks
 - b. Poetry- Five questions to be answered out of six questions 2x5= 10 marks
- Q.4 Answer with in six sentences.
- a. Prose- Three questions to be answered out of four questions 3x3=9marks
 - b. Ghazaliyat- Three Ashaar explanation to be answered out of four Ashaar 3x3=9marks

Group- C (Long Answer Type)

- Q.5
- a. Prose : One long answer type question about 150 words with an alternative from prose portion. 7½ Marks
 - b. Poetry : One long answer type question about 150 words with an alternative from poetry portion 7½ Marks
 - c. Non detailed- one long answer type question about 150 words with an alternative from non-detailed portion 7½ Marks
 - d. Letter/Application : one Letter writing/application writing about 100 words. 7 ½ Marks

M.I.L (URDU)
+ 2, 2nd Year Arts
(Detailed syllabus)

No. of periods:Yearly-80

Unit – I : Prose :

20 Periods

- | | |
|----------------------------|---------------------|
| i. Ek- Khat | : Abul Kalam Azad |
| ii. Kutte | : Patras Bokhari |
| iii. Nazir Ahmad Ki Kahani | : Farhatullah Baig |
| iv. Acchi Kitab | : Abdul Haque |
| v. Hali | : Aale Ahmad Suroor |

Unit – II : (a) Poetry

25 Periods

- | | |
|----------------------|----------------------|
| i. Bazmein Anjum | : Iqbal |
| ii. Kashmir | : Chakbast |
| iii. Badli Ka Chand | : Josh Malleeh Abadi |
| iv. Pairahane Sharar | : Sardar Jafri |

(b) Ghazaliyat : First two Ghazals of the following poets

- i. Hasrat, ii. Faani, iii. Shaad, iv. Firaq, v. Faiz

Unit – III : Non detailed study :

15 Periods

The remaining 2nd half portion of any one of the following books :

a. Taubatun Nasooh

By Deputy Nazeer Ahemad

To be had from Maktab- E-Jamiya Ltd

b. Musaddas Hali:

By:- Altaf Husain Hali

To be had from Educational Book House Aligarh (U.P)

Unit – IV : (a) Essay :

5 Periods

There shall be one general Essay with three alternatives

(b) Comprehension

Unit – V : Grammar :

15 Periods

i. Tazkir-O-Tanis, ii. Wahid-O-Jama, iii. Mutazad Alfaz, iv. Mahaware

Book Prescribed :

- 1. Prose & Poetry :** MEYAR-E-ADAB, compiled by Prof. Suraiya Husain.
- 2. Grammar:** Urdu Zaban- O – Qawaid Part-1 - By Shafi Ahmed Siddiqui

QUESTION PATTERN AND DISTRIBUTION OF MARKS
M.I.L (URDU)

+ 2, 2nd Year Arts (For H.S. Exam - 2015)

F.M-100

Time- 3hrs

Group-A (Objective Type - Compulsory)

- Q.1 Objective type questions from all units prose, Poetry and non-detailed
- a. Five objective type questions from prose 1 x 5=5 marks
 - b. Five objective type questions from poetry 1 x 5=5 marks
 - c. Five objective type questions from Non-detailed 1 x 5 =5 marks
- Total = 15 marks
- Q.2 Grammar
- a. One word answer five questions 1 x 5 = 5 marks
 - b. Very short answer five questions 1 x 5 = 5 marks
 - c. Fill up the Blanks five questions 1 x 5= 5 marks

Group- B (Short Answer Type)

- Q.3 Answer within two/three sentences
- a. Prose- Six questions to be answered out of eight questions 2 x6=12 Marks
 - b. Poetry- Five questions to be answered out of six questions 2x5= 10 marks
- Q.4 Answer with in six sentences.
- a. Prose- Three questions to be answered out of four questions 3x3=9marks
 - b. Ghazaliyat- Three Ashaar explanation to be answered out of four Ashaar 3x3=9marks

Group- C (Long Answer Type)

- Q.5
- a. Prose : One long answer type question about 150 words with an alternative from prose portion. 7½ Marks
 - b. Poetry : One long answer type question about 150 words with an alternative from poetry portion 7½ Marks
 - c. Non detailed- one long answer type question about 150 words with an alternative from non-detailed portion 7½ Marks
 - d. Letter/Application : one Letter writing/application writing about 100 words. 7 ½ Marks

MIL (SANSKRIT)
+2 1st Year Arts
(Detailed Syllabus)

No. of Periods : Yearly - 80

Unit – I : Prose

20 Periods

1. मनुमत्स्याख्यानम् (Manumatsyakhyanam)
2. चतुरशृगालः (Caturasrgalah)
3. शंस्कृते किं नास्ति (Samskrte kim nasty)
4. जाबालः सत्यकामः (Jabalah Satyakamah)

Unit – II : Poetry

20 Periods

1. सुभाषितावली (Subhasitavali)
2. भाति मे भारतम् (Bhati me Bharatam)
3. वसन्तः (Vasantah)

Unit – III

12 Periods

(A) Grammar from the text

1. सन्धि (Sandhi)
2. सन्धिविच्छेद Sandhi Viccheda
3. कारक-विभक्ति Karaka-Vibhakti
4. प्रकृति-प्रत्यय Prakrti Pratyaya

(B) Grammar from outside the text / General

1. स्त्रीप्रत्यय (Stripratyaya)
2. समास (Samasa)
3. एकपदीकरण (Formation of single word from Stripratyaya and Samasa)

Unit – IV : Translation and Comprehension

18 Periods

A) Comprehension – Sanskrit passage for the comprehension (Passages) of संस्कृतप्रभा, Part-I

B) Translation of unseen Sanskrit sentences into Odia / English

Unit – V

10 Periods

The art of Writing Letters, Applications, Textual Explanations, Textual Questions and Precis writing. Long

Books Recommended :

1. For prose and poetry :

Samskrta Prabha, Part-I – संस्कृतप्रभा – (प्रथमो भागः)

Published by Odisha State Bureau of Textbook Preparation and Production.

2. For Grammar :

Vyakarana-darpanah – व्याकरण दर्पणः

Published by Odisha State Bureau of Textbook Preparation and Production.

QUESTION PATTERN AND DISTRIBUTION OF MARKS

M.I.L. (SANSKRIT)
+ 2, 1st Year Arts (For College Level Exam)

Full Marks – 100

Time:3 Hrs

GROUP –A (Objective Type – Compulsory)

Q.1. Multiple Choices :

1 × 15 = 15 Marks

<i>Mark-Division</i>	: Prose	1×3 = 3
	: Poetry	1×2 = 2
	: Sandhi	1×3 = 3
	: Sandhiviccheda	1×3 = 3
	: Karaka - vibhakti	1×4 = 4

Q.2. One word Answer / Correction / Fill up the Blanks :

1x15 =15 Marks

<i>Mark Division</i>	: Prose	1×2 =2
	: Poetry	1×3 =3
	: Prakruti-pratyaya	1×3 =3
	: Samasa	1×3 =3
	: Ekapadikarana	1×4 = 4

(from Stripratya and Samasa)

GROUP -B (Short Answer Type)

Q.3. Short Answer Type (within 2/3 sentences / 12words) :

2×11 = 22 Marks

Mark Division : (a) Comprehension- 2×6 = 12

(6 out of 07Qs.) (passages from 1to 8 of SamskrtaPrabha)

(b) Translation Sanskrit Sentences into Odia / English

(5 out of 07Qs.) - (2×5 = 10)

Q.4. Short Type Answer (within 06 sentences / 25words) :

3×6 = 18 Marks

Mark Division : (a) Prose - 3×3 = 09 (3 out of 04 Qs.)

(b) Poetry - 3×3 = 09 (3 out of 04 Qs.)

GROUP – C (Long AnswerType)

Q.5. 04 Long Questions out of 06 Qs, (within 08 sentences / 40 words)

7 ½ × 4 = 30 Marks

- Letter /Application writing.
- Long Question (PROSE)
- Long Question (POETRY)
- Explanation (PROSE/ POETRY)
- Translation into Odia/English from Prose/Poetry
- Precise Writing (OF UNSEEN PASSAGE)

N. B. Answers in Sanskrit are to be written either in Odia Script or in Devanagari Script.

MIL (SANSKRIT)
+2 2nd Year Arts
(Detailed Syllabus)

No. of Periods : Yearly - 80

Unit – I : Prose

20 Periods

1. कपोतलुब्धककथा (Kapotalubdhakakatha)
2. सुश्रुतस्य यन्त्रकर्मशास्त्रकर्माणि (Susrutasya Yantrakarma Sastrakarmani)
3. गुणिगुणाहीनविवेकः (Gunigunahinavivekah)
4. रामतपोवनाभिगमनम् (Ramatapovanabhigamanam)

Unit – II : Poetry

20 Periods

1. दशावतारस्तुतीः (Dasavatarastutih)
2. गीतासौरभम् (Gitasaurabhavam)
3. रघुवंशम् (Raghuvansam)

Unit – III

12 Periods

(A) Grammar from the text

1. कारक-विभक्ति Karaka – Vibhakti
2. सन्ध Sandhi
3. सन्धिविच्छेद Sandhi Viccheda

(B) Grammar from outside the text / General

1. शब्दरूप – Sabdarupa – (नर, फल, लता, मुनि, वारि, नदी, पितृ, मातृ, गच्छत्, मनस्, आत्मन्, तद्, किम्, इदम्, अस्मद्, युष्मद्, द्वि, त्रि, चतुर)
2. धातुरूप – Dhaturupa – (भू, गम्, पठ्, कृ, अस्, लभ्, पूज्)
3. समास – (Samasa)
4. स्त्रीप्रत्यय – (Stripratyaya)

Unit – IV : Translation and Comprehension

18 Periods

- A) **Comprehension** – Sanskrit passage for the comprehension (Passages) of संस्कृतप्रभा, Part-II
- B) Translation of Odia / English sentences into Sanskrit.

Unit – V

10 Periods

The art of Writing of Letters, Applications, Textual Explanations, Textual Long Questions and Precise writing.

Books Recommended :

1. For prose and poetry :

Sanskrita Prabha, Part-II – संस्कृतप्रभा – द्वितीयो भागः

Published by Odisha State Bureau of Textbook Preparation and Production.

3. For Grammar :

Vyakarana-darpanah – व्याकरणदर्पणः

Published by Odisha State Bureau of Textbook Preparation and Production.

QUESTION PATTERN AND DISTRIBUTION OF MARKS

M.I.L. (SANSKRIT)

+ 2, 2nd Year Arts (For H.S. Exam 2015)

Full Marks – 100

Time:03 Hrs

GROUP –A (Objective Type – Compulsory)

Q.1. Multiple Choices :

1 × 15 = 15 Marks

<i>Mark-Division</i>	: Prose	1×3 = 3
	: Poetry	1×2 = 2
	: Samasa	1×4 = 4
	: Sabdarupa	1×3 = 3
	: Dhaturupa	1×3 = 3

Q.2. One word Answer / Correction / Fill up the Blanks :

1x15 =15 Marks

<i>Mark Division</i>	: Prose	1×2 =2
	: Poetry	1×3 =3
	: Sandhi	1×2 =2
	: Sandhivichheda	1×2 =2
	: Karaka Vibhakti	1×3 = 3
	: Stripratya	1×3 = 3

GROUP -B (Short Answer Type)

Q.3. Short Answer Type (within 2/3 sentences / 12words) :

2×11 = 22 Marks

Mark Division : (a) Comprehension- 2×6 = 12

(6 out of 07Qs.) (passages from 1to 8 of Samskrtaprabha)

(b) Translation Sanskrit Sentences into Odia / English

(5 out of 07Qs.) - (2×5 = 10)

Q.4. Short Type Answer (within 06 sentences / 25words) :

3×6 = 18 Marks

Mark Division : (a) Prose - 3×3 = 09 (3 out of 04 Qs.)

(b) Poetry - 3×3 = 09 (3 out of 04 Qs.)

GROUP – C (Long Answer Type)

Q.5. 04 Long Questions out of 06 Qs, (within 08 sentences / 40 words)

7 ½ × 4 = 30 Marks

- g) Letter /Application writing.
- h) Long Question (PROSE)
- i) Long Question (POETRY)
- j) Explanation (PROSE/ POETRY)
- k) Translation into Odia/English from Prose/Poetry
- l) Precise Writing (OF UNSEEN PASSAGE)

O. B. Answers in Sanskrit are to be written either in Odia Script or in Devnagari Script.

ALTERNATIVE ENGLISH

+ 2, 1st Year Arts
(Detailed syllabus)

No. of periods:Yearly-80

Unit – I : Prose

- i. The Adventure of Learning
- ii. Men and Women
- iii. Modern Living
- iv. Food for Thought

Unit – II : Poetry

- i. Ecology (A.K.Ramanujan)
- ii. Dog's Death (John Updike)
- iii. The Fog (W.H.Davies)
- iv. Girl Lithe and Tawny (Pablo Neruda)
- v. Ballad of the Landlord (Langston Hughes)

Unit – III : Short Stories

- i. The Rainbow-Bird (Vance Palmer)
- ii. The Eyes Have it (Ruskin Bond)
- iii. The little Wife (William March)

Unit – IV : One-Act Plays

- i. Mother's Day (J.B. Priestley)
- ii. The Unexpected (Ella Adkins)

Unit – V : Grammar & Usage

- i. Tense and Aspect
- ii. Modals
- iii. Non-finite verb forms
- iv. The passive
- v. Prepositions and Phrasal Verbs

Books Prescribed :

- (a) Approaches to English, Book-I
- (a) Approaches to English, Book-II
Published by the Orissa State Bureau of Textbook Preparation and Production, Pustak Bhavan,
Bhubaneswar.
- (b) Reference Books for Grammar and Usage :
 - (i) A University Grammar of English (Quirk, Greenbaum et al)
 - (ii) English Grammar Practice (Bijoy Kumar Bal)

QUESTION PATTERN AND DISTRIBUTION OF MARKS

ALTERNATIVE ENGLISH

+ 2, 1st Year Arts (For College Level Exam)

Full Marks – 100

Time:3 Hrs

1. Reading Comprehension :

- a) A prescribed prose piece or extract (5 questions - including inferential questions-are to be answered) 10 marks
- b) A prescribed poem/extract (5 questions including inferential questions and those on poetic devices, figures of speech, mood, tone and style etc.) 10 Marks
- c) A prescribed story / one-act play or its extract (5 questions including inferential questions and those on literary devices, tone etc.) 10 Marks
- d) An unseen passage of at least 200 words (5 questions including Inferential ones) 10 Marks

2. Reading related skills.

- a) Guided note making based on the passage 1 (d) 5 Marks
- b) Cohesive devices 10Marks

3. Writing skills.

- a) Summarising an unknown passage as given in 1 (d) with caption 10 Marks
- b) Reconstruct a story from a given set of questions/fillers/outlines or completion of a story .10Marks
- c) Essay writing (including brainstorming, organizing, outlining, writing first draft and revising)10 Marks

4. Grammar and usage (in context) (3 questions on the prescribed grammar units) 15 Marks

ALTERNATIVE ENGLISH

+ 2, 2nd Year Arts
(Detailed syllabus)

No. of periods: yearly-80

Unit – I : Prose

- i. The Wonder World of Science
- ii. Our Environment
- iii. The World of Business
- iv. The Changing World

Unit – II : Poetry

- i. Indian Children Speak (Juanita Bell)
- ii. The Goat Paths (James Stephen)
- iii. Of a Questionable Conviction (Jayanta Mahapatra)
- iv. Mirror (Sylvia Plath)
- v. Toads (Philip Larkin).

Unit – III : Short Stories

- i. The Happy Man (W.S.Maugham)
- ii. The Tree (Manoj Das)
- iii. The Watch Man (R.K.Narayan)

Unit – IV : One Act Plays

- i. The Hour of Truth (Percival Wilde)

Unit : V : GRAMMAR & USAGE

- i. Revision of 'Tense and Aspect'
- ii. Revision of Prepositions and Phrasal Verbs
- iii. Clause-types
- iv. Linking Devices
- v. Word Order and Emphasis

Books Prescribed :

- (b) Approaches to English, Book-I
- (c) Approaches to English, Book-II
Published by the Orissa State Bureau of Textbook Preparation and Production, Pustak Bhavan,
Bhubaneswar.
- (d) Reference Books for Grammar and Usage :
 - (i) A University Grammar of English (Quirk, Greenbaum et al)
 - (ii) English Grammar Practice (Bijoy Kumar Bal)

QUESTION PATTERN AND DISTRIBUTION OF MARKS

ALTERNATIVE ENGLISH

+ 2, 2nd Year Arts (For H.S. Exam - 2015)

Full Marks – 100

Time:03 Hrs

1. Reading Comprehension.

- a) A prescribed prose piece or extract (5 questions including inferential questions are to be answered). 10Marks
- b) A prescribed poem / extract (5 questions including inferential questions and those on poetic devices, figures of speech, mode, tone and style etc.) 10Marks
- c) A prescribed story / one-act play or its extract (5 questions including Inferential questions and those on literary devices, tone etc.) 10Marks
- d) An unseen passage of at least 200 words (5 questions including inferential ones) 10Marks

2. Reading related skills.

- Unguided note making (based on the passage given in 1 (d)). 10Marks

3. Writing skills.

- a) Designing and writing a brochure / pamphlet 10Marks
- b) Writing dialogues of a face-to-face / telephonic conversation. 10Marks
- c) Rewriting a poem/short story as a different form of discourse i.e. a page of a diary, a newspaper report/article or a script for a play etc. 10 Marks
- d) Adding a suitable beginning/ending/title to a given poem/story. 5Marks

4. Grammar and usage (in context)

- (3 questions on the prescribed grammar units including modified close tests). 15 Marks

Environmental Education

(Theory)

+2, 1st Year Arts
(Detailed syllabus)

No. of periods: Yearly-30

UNIT - I

8 Periods

(A) **Man and Environment : Environment : Components: -**

Atmosphere, Lithosphere, Hydrosphere and Biosphere- Human being as a rational social partner in environmental action - Impact of human activities on environment -Environmental Problems of urban and rural areas- Stress on civic amenities: supply of water, electricity, transport and health services.

(B) **Natural Resources :**

6 Periods

Land, water, forest as primary natural resources- Fresh water and Marine resources- Natural resources of Orissa - Concept of Biodiversity and its conservation - Renewable and non-renewable resources - Conventional and non - conventional energy.

UNIT - II

6 Periods

Environmental Pollution :

Types of pollution and pollutants - Causes, effects and control of air pollution, water pollution, soil pollution and noise pollution, Green house effect, Global Warming, Eutrophication, Ozone layer depletion.

UNIT - III

5 Periods

(A) **Environmental Management :**

Scope of Environmental Management -Management of solid, liquid and gaseous wastes - Resource Management- disaster Management (flood, cyclone and earthquake) -Concept of sustainable development- Management of agricultural produce.

(B) **Environmental Laws :**

5 Periods

Constitutional Provisions -Major provisions of Environmental Laws and Pollution Control Laws with particular reference to the Water Act, 1974, the Air Act, 1981, the E(P) Act 1986, CPCB and SPCB- Central and State Pollution Control Boards.

PROJECT WORK

Each student has to submit a project work positively to the Principals of the respective colleges before Annual Examination.

There shall be 10 project work titles specified in the course and students are free to choose anyone of them. A group of teachers will be assigned to guide them. The project shall be evaluated in the respective colleges.

- Ø To study the changes that have taken place in the given land area of a city/village/locality/market during the last five years in respect of at least five parameters like number of houses, residents and families; food habits, number of household goods in a family, consumption of water, electricity and fuel including that of personal vehicles by a family, sources of noise (public address systems being used, television, radio and vehicles on the road), common facilities like number of schools, hospitals, shops, theatres, public conveyance, public utilities, public transport, number of factories, industries and/or the facilities for production and processing of goods, loss of water bodies, types and quantity of wastes, their disposal and treatment facilities with a view to discuss the patterns of changes and impact on the environment and quality of life. One specific project on these aspects may be selected to study the changes that have taken place in a given area during the last five years in respect of the number of houses, residents and families and to prepare a report on the effects on civic amenities like availability of water, electricity and fuel; the drainage system, disposal of wastes including night soil.
- Ø To study the environmental profile of a town/ locality/village in respect of population density, green cover, educational level of residents, social problems and sources of pollution and their effect on air, water and soil.
- Ø To collect data on monthly consumption of electricity and fuel from at least five families, any two commercial establishments and four public utilities in a given locality. To plan strategies for educating consumers to economise on the consumption of electricity and fuel by reducing their over-use, misuse and improper use.

- Ø To study, for a period of one month, the status of sanitary conditions and methods of waste disposal of a given locality vis-a-vis the role of Panchayat, Municipality or Corporation and to prepare an action plan for making the conditions more environment friendly.
- Ø To investigate the impact of an industry or a large manufacturing unit on the local environment. The parameters could be land use, the ratio of the covered area and the open space, the raw materials used for production, inputs like electricity and water, the types of waste generated and the modes of waste disposal, use of environment friendly and efficient technology, types of pollutants emitted or discharged, the average health status of the employees and residents in the area.
- 6. To study the impact of changes in agricultural practices or animal husbandry including poultry, piggery, fishery and apiculture over a period of time on the local environment of a given locality or village. The components for analysis may include: types of crops, land area under cultivation, mechanisation, use of electricity, mode of irrigation and agrochemicals, agro-waste and their disposal, types of animal breed and their feed, types of shelter and healthcare, methods of preservation and processing of products and animal wastes and their disposal. To suggest an action plan for modifying the prevailing practices so as to make them environment friendly and sustainable.
- 7. To collect samples of water from different sources and study their physical characteristics like turbidity, colour, odour, the measure of pH, the nature of suspended and dissolved impurities and pollutants, the presence of toxic materials like mercury, lead, arsenic, fluorine and the presence of living organisms. For testing the presence of toxic materials and living organisms, the help of a local laboratory or institution may be taken, if available. To identify the most polluted sample of water and locate the sources of its pollution. To devise an action plan for mobilising public opinion for checking the pollution.
- 8. To study the practices followed in the region for storage, preservation, transportation and processing of perishable or non- perishable farm products and to assess the extent of their wastage due to faulty practices.
- 9. To prepare a status report on the prevalence of child labour in a given area through sample surveys on children engaged as domestic help and as workers in farms, commercial establishments and manufacturing units. The survey may be in respect of age group, education, wages, working hours, working conditions, safety in works place, health, handling hazardous materials and the like. Units dealing with hazardous materials and processes may be identified and an action plan for mobilising public opinion against the practice of child labour may be prepared.
- 10. To conduct a survey of plants in a locality and to collect information about their cultural, economic and medicinal values from the local people and the available literature. To prepare an action plan for their propagation.

BOOK PRESCRIBED :

Bureau's Higher Secondary (+2) Environmental Education *Published by* Odisha State Bureau of Textbook Preparation & Production, Bhubaneswar.

YOGA
(THEORY)
+ 2, 1st Year Arts
(Detailed syllabus)

No. of periods: Yearly-30

Unit – I : CONCEPT YOGA

6 Periods

Meaning, Definition and Scope of yoga, Importance and aim of yoga for the students, Misconception of Yoga
Yoga and Spirituality

Unit – II : BASIC PRINCIPLES OF YOGA PRACTICE

6 Periods

Place, Time, Age, Diet, Dress, Do's and Don'ts Power of Silence

Unit - III : BRANCHES OF YOGA

6 Periods

Karma Yoga, Bhakti Yoga, Raja Yoga, Jnana Yoga, Yoga in Srimad Bhagavat Gita

Unit – IV : CONCEPT OF ASTHANGA YOGA

6 Periods

Yama, niyama, asana, pranayama, pratyahara, dharana, dhyana and samadhi

Unit – V : YOGA AND PERSONALITY DEVELOPMENT

6 Periods

Meaning, Definition of Personality, Dimension of Personality: physical, mental, emotional, intellectual and spiritual.
Personality Development in relation to external world civic, social, patriotic and global consciousness. Concept of
Personality According to swami Vivekananda and Sri Aurobindo.

Books Prescribed : An Introduction to Yoga, Joga Parichaya
Published by Odisha State Bureau of Textbook Preparation and Production

(Detailed Syllabus)
YOGA (Practical)
+ 2 2nd Year Arts

Unit – I : ASANA

2 Periods

PRILIMINARY PRACTICES : Greeva Sanchalana, skandha chakra (shoulder rotation), purna, titali asana (full butterfly), marjari asana (cat stretch pose), Surya Namaskara

STANDING POSTURE : Tadasana, tiryak tadasana, katichakrasana pada-hastasana, ardha chakrasana, ardhakati chakrasana, ekapada pranamasana, garudasana, natarajasana.

SITTING POSTURE :

Padmasana janusirasana, paschimottanasana, supta vajrasana, shashankasana, ustrasana, ardhmatsyendrasana.

PRONE LYING POSTURE :

Shalabhasana, bhujangasana, dhanurasana.

SUPINE POSTURE :

Uttanapadasana, supta pawanamuktasana, naukasana, halasana, sarvangasana, matsyasana, chakrasana.

Unit-II : RELAXATION :

2 Periods

Savasana, yoganidra

Unit – III : PRANAYAMA :

2 Periods

Preliminary practices: abdominal, thoracic, clavicular and full yogic breathing kapalabhati, nadisodhana, bhramari seetali/seetkari

Unit - IV : MEDITATION :

2 Periods

Antarmouna - sensorial awareness : (sound, touch, vision, smell, taste), breath awareness, awareness of the spontaneous thought process.

Unit-V : KRIYA

2 Periods

Trataka (internal and external)

Books Prescribed : An Introduction to Yoga, Joga Parichaya
Published by Odisha State Bureau of Textbook Preparation and Production

BASIC COMPUTER EDUCATION

(THEORY)

+ 2, 1st Year Arts
(Detailed syllabus)

No. of periods: Yearly-30

UNIT- I : Computer Fundamentals :

8 Periods

Necessity and uses of computer, what is computer?, Computer as a system, problem and problem solving technique, Important terminology, Input-Output devices, types of computer, (Digital, Analog, Hybrid, Super computer, Main Frame, Mini, PC, Note Book, and Laptop). Generation of Computer, Computer Memory, (Main, Secondary, virtual. Buffer, Cache,) Computer Languages and its types.

UNIT-II : Operating System:

15 Periods

Types, software, Dos and Windows : Fundamentals and Commands , Security and Anti-virus

Introduction to MS_OFFICE:

MS- WORD: Creating a File, setting and typing text, page formatting, editing, printing, saving the files, creating Folders , Insertion tables and objects, Bulleted, Page Numbering, spell check, indenting , paragraph setting and mail merge, CD writing.

MS-EXCEL: Spread sheet and its uses , an introduction, formatting work sheet, setting columns/Rows, range, Format, protect, sorting, types of graphs, functions and formula, printing text, copying and saving the document.

MS-POWER POINT : Features, Uses, Menus, Toolbars, creating a presentation through auto context wizard, templates, manual slides show, saving, deleting, opening a presentation, Editing.

MS-ACCESS: Data base, data base Management system, RDBMS, advantages and limitations of MS-Access, parts, tables, integrity constraints, relationship and designing tables.

UNIT-III : INTERNET AND COMPUTER SECURITY:

7 Periods

Introduction to Internet, net browsing, Emails, Networking and its types, topology, computer crime, components required for internet, saving and printing the web files.

APPLICATIONS: in Education, Medical Science, Business, Entertainment, Social services and Research etc.

BASIC COMPUTER EDUCATION

PRACTICALS

+ 2, 2nd Year Arts
(Detailed syllabus)

10 Periods

DOS, Windows, MS-Office, web page, browsing, sending and creating a mail

LANGUAGE-ODIA

+9 ପ୍ରଥମ ବର୍ଷ – କଳା

ସବିଶେଷ ପାଠ୍ୟକ୍ରମ

ପିରିଅଡ ସଂଖ୍ୟା – (ବାର୍ଷିକ – ୮୦)

ପ୍ରଥମ ଏକକ – କାବ୍ୟ – (୨୦ ପିରିଅଡ)

୧. କୀଚକ ବଧ – ଗଙ୍ଗାଧର ମେହେର

ଦ୍ୱିତୀୟ ଏକକ – ଉପନ୍ୟାସ (୨୦ ପିରିଅଡ)

୧. କାଳାନ୍ତର – ସୁରେନ୍ଦ୍ର ମହାନ୍ତି

ତୃତୀୟ ଏକକ – ନାଟକ (୨୦ ପିରିଅଡ)

୧. ଜୟମାଳ୍ୟ – ଭଞ୍ଜକିଶୋର ପଟ୍ଟନାୟକ

ଚତୁର୍ଥ ଏକକ – ବ୍ୟାକରଣ – (୨୦ ପିରିଅଡ)

୧. ରିପୋର୍ଟ ପ୍ରସ୍ତୁତି, ଅଥବା ସମ୍ବାଦ ଲିଖନ

୨. ବାକ୍ୟ – ସ୍ୱରୂପ ଓ ପ୍ରକାରଭେଦ

୩. କାରକ ବିଭକ୍ତି

ପାଠ୍ୟଗ୍ରନ୍ଥ : ସାରସ୍ୱତ ସରଣୀ – ପ୍ରଥମ ଭାଗ (ଓଡ଼ିଶା ରାଜ୍ୟ ପାଠ୍ୟ ପୁସ୍ତକ ପ୍ରଣୟନ ଓ ପ୍ରକାଶନ ସଂସ୍ଥା, ଭୁବନେଶ୍ୱର)

LANGUAGE - ODIA

ପ୍ରଶ୍ନପତ୍ର ଭାଷା ଓ ମାର୍କ ବିନ୍ୟାସ

+୨ ପ୍ରଥମ ବର୍ଷ – କଳା (କଲେଜ ସ୍ତରୀୟ ପରୀକ୍ଷା)

ପୂର୍ଣ୍ଣ ସଂଖ୍ୟା-୧୦୦

ସମୟ-୩୦ମିନିଟ୍

ପ୍ରଥମ ଭାଗ (ଅତି ସଂକ୍ଷିପ୍ତ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ)

ପ୍ରଶ୍ନ୧. ୧୫ଟି ପ୍ରଶ୍ନର ପ୍ରତ୍ୟେକ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ମଧ୍ୟରୁ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ ହେବ ।

କାବ୍ୟ – ୧ x ୫ = ୫ (୧ x ୧୫ = ୧୫ ନମ୍ବର)

ଉପନ୍ୟାସ – ୧ x ୫ = ୫

ନାଟକ – ୧ x ୫ = ୫

ପ୍ରଶ୍ନ୨. ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଲେଖିବାକୁ ହେବ । (୧ x ୧୩ = ୧୩ ନମ୍ବର)

କାବ୍ୟ – ଗୀତିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୧ x ୨ = ୨

ଉପନ୍ୟାସ – ଗୀତିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୧ x ୨ = ୨

ନାଟକ – ଗୀତିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୧ x ୨ = ୨

ବ୍ୟାକରଣ-କାରକ ଓ ବିଭକ୍ତି ଚିହ୍ନାଇବା ପାଇଁ ୧୦ଟି ପ୍ରଶ୍ନ ମଧ୍ୟରୁ

୭ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୧ x ୭ = ୭

ଦ୍ୱିତୀୟ ଭାଗ (ସଂକ୍ଷିପ୍ତ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ)

ପ୍ରଶ୍ନ୩. ୧୭ଟି ପ୍ରଶ୍ନ ମଧ୍ୟରୁ ୧୧ଟିର ଉତ୍ତର ପ୍ରତ୍ୟେକ ୨ଟି ବାକ୍ୟ ମଧ୍ୟରେ ଲେଖିବାକୁ ହେବ ।

(୨ x ୧୧ = ୨୨ ନମ୍ବର)

କାବ୍ୟ- ଗୀତିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୨ x ୨ = ୪

ଉପନ୍ୟାସ - ଗୀତିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୨ x ୨ = ୪

ନାଟକ- ଗୀତିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ - ୨ x ୨ = ୪

ବ୍ୟାକରଣ- ବାକ୍ୟ ପରିବର୍ତ୍ତନରୁ ୮ଟି ପ୍ରଶ୍ନରୁ ୫ଟିର

ଉତ୍ତର ଦେବାକୁ ହେବ । - ୨ x ୫ = ୧୦

ପ୍ରଶ୍ନ ୪. ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉତ୍ତର ୩୦ଟି ଶବ୍ଦରେ ଲେଖିବାକୁ ହେବ ।

(୩ x ୨ = ୧୮ ନମ୍ବର)

କାବ୍ୟ – ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।

ଉପନ୍ୟାସ – ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।

ନାଟକ – ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।

ତୃତୀୟ ଭାଗ (ଦୀର୍ଘ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ)

ପ୍ରଶ୍ନ ୫. ରୁ ୮. ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉତ୍ତର ୧୫୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।

(୮ x ୪ = ୩୨ ନମ୍ବର)

କାବ୍ୟ : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ ।

(୮ x ୧ = ୮ ନମ୍ବର)

ଉପନ୍ୟାସ : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ ।

(୮ x ୧ = ୮ ନମ୍ବର)

ନାଟକ : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ ।

(୮ x ୧ = ୮ ନମ୍ବର)

ରିପୋର୍ଟ ପ୍ରସ୍ତୁତ ଅଥବା ସମ୍ବାଦ ଲିଖନ: ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ । (୮ x ୧ = ୮ ନମ୍ବର)

LANGUAGE-ODIA

+9 ଦ୍ଵିତୀୟ ବର୍ଷ – କଳା

ସବିଶେଷ ପାଠ୍ୟକ୍ରମ

ପିରିଅଡ ସଂଖ୍ୟା – (ବାର୍ଷିକ – ୮୦)

ପ୍ରଥମ ଏକକ – କବିତା (୨୦ ପିରିଅଡ)

୧. ପଦ୍ମ – ମଧୁସୂଦନ ରାଓ
୨. ପଲ୍ଲୀଚିତ୍ର : ବର୍ଷା – ନନ୍ଦକିଶୋର ବଳ
୩. ଶେଫାଳି ପ୍ରତି – କୁନ୍ତଳା କୁମାରୀ ସାବତ
୪. ଫୁଟାଇବୁ ଆଜି ରକ୍ତ ପ୍ରଭାତ – ଅନନ୍ତ ପଟ୍ଟନାୟକ
୫. ଖୋରଧା ପ୍ରଥମ ଦର୍ଶନେ – ପଦ୍ମଚରଣ ପଟ୍ଟନାୟକ
୬. ଜାତିର ଡାକ – କୃଷ୍ଣଚନ୍ଦ୍ର ତ୍ରିପାଠୀ

ଦ୍ଵିତୀୟ ଏକକ – ପ୍ରବନ୍ଧ (୨୦ ପିରିଅଡ)

୧. ସୌନ୍ଦର୍ଯ୍ୟ ଓ ପ୍ରେମ – ଶଶିଭୂଷଣ ରାୟ
୨. ଜାତୀୟତାର ଭିତ୍ତିଭୂମି – ନୀଳକଣ୍ଠ ଦାସ
୩. ସଂପର୍କ – ଚିତ୍ତରଞ୍ଜନ ଦାସ
୪. ନୂଆ ମଣିଷ – ଶରତ କୁମାର ମହାନ୍ତି

ତୃତୀୟ ଏକକ – ଗଳ୍ପ (୨୦ ପିରିଅଡ)

୧. ଧୂଳିଆ ବାବା – ଫକୀର ମୋହନ ସେନାପତି ।
୨. ଝଡର ଜଗଲ ଓ ଧରଣୀର କୃଷ୍ଣସାର – ଅଶୃଳ ମୋହନ ପଟ୍ଟନାୟକ ।
୩. ମିମିର ସଭ୍ୟତା ଶିକ୍ଷା – ବାମାଚରଣ ମିତ୍ର ।
୪. ଗୋପପୁର- ରାମଚନ୍ଦ୍ର ବେହେରା
୫. ଚରିତ୍ର – ଦେବ୍ରାଜ ଲେଙ୍କା

ଚତୁର୍ଥ ଏକକ – ବ୍ୟାକରଣ (୨୦ ପିରିଅଡ)

୧. ଅଳଙ୍କାର – ଯମକ, ଶ୍ଳେଷ, ଉପମା, ରୂପକ, ଉତ୍ପ୍ରେକ୍ଷା, ବ୍ୟତିରେକ
୨. କୃଦନ୍ତ ତତ୍ତ୍ଵ
୩. ପ୍ରତିଶବ୍ଦ
୪. ବନାନ ଶୁଦ୍ଧି

ପାଠ୍ୟଗ୍ରନ୍ଥ : ସାରସ୍ଵତ ସରଣୀ – ଦ୍ଵିତୀୟ ଭାଗ (ଓଡ଼ିଶା ରାଜ୍ୟ ପାଠ୍ୟ ପୁସ୍ତକ ପ୍ରଣୟନ ଓ ପ୍ରକାଶନ ସଂସ୍ଥା, ଭୁବନେଶ୍ଵର)

LANGUAGE-ODIA

ପ୍ରଶ୍ନପତ୍ର ଭାଷା ଓ ମାର୍କ ବିନ୍ୟାସ

+୨ ଦ୍ଵିତୀୟ ବର୍ଷ – କଳା (ଉଚ୍ଚ ମାଧ୍ୟମିକ ପରୀକ୍ଷା – ୨୦୧୫)

ପୂର୍ଣ୍ଣ ସଂଖ୍ୟା-୧୦୦

ସମୟ-୩୦ମିନିଟ୍

ପ୍ରଥମ ଭାଗ (ଅତି ସଂକ୍ଷିପ୍ତ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ)

ପ୍ରଶ୍ନ୧. ୧୫ଟି ପ୍ରଶ୍ନର ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ମଧ୍ୟରୁ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ ହେବ ।

(୧ x ୧୫ = ୧୫ ନମ୍ବର)

କବିତା – ୧ x ୫ = ୫

ପ୍ରବନ୍ଧ – ୧ x ୫ = ୫

ଗଳ୍ପ – ୧ x ୫ = ୫

ପ୍ରଶ୍ନ୨. ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟ / ଶବ୍ଦରେ ଲେଖିବାକୁ ହେବ ।

(୧ x ୧୫ = ୧୫ ନମ୍ବର)

କବିତା – ଗୀତିରୁ ୨ ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ – ୧ x ୨ = ୨

ପ୍ରବନ୍ଧ – ଗୀତିରୁ ୨ ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ – ୧ x ୨ = ୨

ଗଳ୍ପ – ଗୀତିରୁ ୨ ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ – ୧ x ୨ = ୨

ବ୍ୟାକରଣ – ୮ ଗୋଟି ଶବ୍ଦ ମଧ୍ୟରୁ ୫ ଟିର ଠିକ୍ ବ୍ୟାକରଣ ଲେଖିବାକୁ ହେବ – ୧ x ୫ = ୫

କୃତ୍ୟ ତତ୍ତ୍ଵ ଓ ଇତିହାସ – ୨ ଟି ଶବ୍ଦରୁ ୪ ଟିର ପ୍ରତ୍ୟୟ ଯୋଗ ଦର୍ଶାଇବାକୁ ହେବ – ୧ x ୪ = ୪

ଦ୍ଵିତୀୟ ଭାଗ (ସଂକ୍ଷିପ୍ତ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ)

ପ୍ରଶ୍ନ୩. ୧୪ଟି ପ୍ରଶ୍ନ ମଧ୍ୟରୁ ଯେକୌଣସି ୧୧ ଟିର ଉତ୍ତର ପ୍ରତ୍ୟେକ ୨ ଟି ବାକ୍ୟ / ଶବ୍ଦରେ ଲେଖିବାକୁ ହେବ ।

(୨ x ୧୧ = ୨୨ ନମ୍ବର)

କବିତା – ଗୀତିରୁ ୨ ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ – ୨ x ୨ = ୪

ପ୍ରବନ୍ଧ – ଗୀତିରୁ ୨ ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ – ୨ x ୨ = ୪

ଗଳ୍ପ – ଗୀତିରୁ ୨ ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ – ୨ x ୨ = ୪

ବ୍ୟାକରଣ – ୨ ଟି ପ୍ରଶ୍ନରୁ ଯେକୌଣସି ୫ ଟିର ଦୁଇଟି ଲେଖାଏଁ ପ୍ରତିଶବ୍ଦ ଲେଖିବାକୁ ହେବ – ୨ x ୫ = ୧୦

ପ୍ରଶ୍ନ ୪. ୯ଟି ପ୍ରଶ୍ନ ମଧ୍ୟରୁ ଯେକୌଣସି ୬ଟି ଉତ୍ତର ପ୍ରତ୍ୟେକ ୩୦ଟି ଶବ୍ଦରେ ଲେଖିବାକୁ ହେବ ।

(୩ x ୬ = ୧୮ ନମ୍ବର)

କବିତା – ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।

ପ୍ରବନ୍ଧ – ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।

ଗଳ୍ପ – ୩ଟିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।

ତୃତୀୟ ଭାଗ (ଦୀର୍ଘ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ)

ପ୍ରଶ୍ନ ୫. ରୁ ୮. ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉତ୍ତର ୧୫୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ । (୩୦ ନମ୍ବର)

କବିତା : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ । (୧.୫ x ୧ = ୧.୫ ନମ୍ବର)

ପ୍ରବନ୍ଧ : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ । (୧.୫ x ୧ = ୧.୫ ନମ୍ବର)

ଗଳ୍ପ : ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର ଦେବାକୁ ହେବ । (୧.୫ x ୧ = ୧.୫ ନମ୍ବର)

ବ୍ୟାକରଣ : ଅଳଙ୍କାରରୁ ୨ଟି ପ୍ରଶ୍ନରୁ ଗୋଟିକର ଉତ୍ତର, ଲକ୍ଷଣ ଓ ଉଦାହରଣ ସହ ଦେବାକୁ ହେବ ।

(୧.୫ x ୧ = ୧.୫ ନମ୍ବର)

LANGUAGE-HINDI

+2 1st year Arts
(Detailed syllabus)

No. of periods: yearly=80

Unit -I (उपन्यास खण्ड) 22 Classes

पाठ्य पुस्तक : गबन (संक्षिप्त)

Unit -II (नाटक खण्ड) 22 Classes

पाठ्य पुस्तक : धुवन्वामिनी - जयशंकर प्रसाद,

Unit -III (साहित्यिक विधाएँ) 22 Classes

उपन्यास, कहानी, नाटक, संस्मरण, रिपोर्ताज, जीवनी, आत्मकथा।

Unit -IV (व्याकरण) 14 Classes

1. मुहावरे और कहावतें

2. लिंग और वचन

अनुमोदित ग्रन्थ :

1. साहित्य सहचर - आचार्य हजारी प्रसाद द्विवेदी, लोकभारती प्रकाशन, इलाहाबाद।

2. साहित्य परिचय - डा. त्रिलोचन पाणिग्राही, शबनम पुस्तक महल, कटक।

३. हिन्दी व्याकरण और रचना - वासुदेव नन्दन प्रसाद, भारती भवन पटना।

QUESTION PATTERN AND DISTRIBUTION OF MARKS LANGUAGE-HINDI

+2 1st year Arts(For college level Exam.)

Full mark:100

Time:3hrs

GROUP - A (OBJECTIVE TYPE)

1. Multiple Choice (From I,II & IV units) 1 x 10 = 10 marks
2. One word answer (-do-) 1 x 10 = 10 marks
3. Correct the Sentences (-do-) 1 x 5 = 5 marks
4. Fill in the Blanks (-do-) 1 x 5 = 5 marks

GROUP - B (SHORT ANSWER TYPE)

5. Write notes on any five (From all units) 3 x 5 = 15 marks
(Answer in two to three Sentences)
6. Explain only .. (From unit I & II) 5 x 3 = 15 marks
(Only Bhavarth)

GROUP - C (LONG ANSWER TYPE)

7. Four Long questions (From I, II & III units) 10 x 4 = 40 marks
(Eight questions to be asked)

Total = 100 marks

LANGUAGE-HINDI

+2 2nd year Arts
(Detailed syllabus)

No. of periods:yearly:80

Unit -I (पद्य खण्ड) 24 Classes

पाठ्य पुस्तक : रश्मिथी - रामधारी सिंह दिनकर

Unit -II (निबंध खण्ड) 20 Classes

पाठ्य पुस्तक : निबन्ध संचयन - डा. रवीन्द्रनाथ मिश्र

Portions to be studied :

1. क्रोध आचार्य रामचन्द्र शुक्ल
2. शिरीष के फूल... आचार्य हजारी प्रसाद द्विवेदी
3. आधुनिक नारी महादेवी वर्मा
4. इन्स्पेक्टर मातादीन चाँद पर... हरिशंकर परसाई

Unit -III (कहानी खण्ड) 18 Classes

पाठ्य पुस्तक : कहानी संकलन... डा. राधाकान्त मिश्र

Portions to be studied :

1. कफन .. प्रेमचन्द
2. खेल ... जैनेन्द्र कुमार
3. मलवे का मालिक ... मोहन राकेश
4. सजा.... मन्नू भण्डारी

Unit -IV (व्याकरण) 18 Classes

(क) कृदन्त, तद्धित, क्रिया और कर्ता का अन्वय

(ख) हिन्दी अपठित

अनुमोदित ग्रन्थ :

1. हिन्दी व्याकरण और रचना - वासुदेव नन्दन प्रसाद,
2. शुद्ध हिन्दी कैसे लिखें - डा. राजेन्द्र प्रसाद सिंह
3. व्याकरण दीपिका - डा. बनमाली दास

QUESTION PATTERN AND DISTRIBUTION OF MARKS

LANGUAGE-HINDI

Full Mark : 100 +2 2nd year Arts(For H S Exam-2015) Time : 3 Hours

GROUP - A (OBJECTIVE TYPE)

1. Multiple Choice (From I,II & IV units) 1 x 10 = 10 marks
2. One word answer (-do-) 1 x 10 = 10 marks
3. Correct the Sentences (-do-) 1 x 5 = 5 marks
4. Fill in the Blanks (-do-) 1 x 5 = 5 marks

GROUP - B (SHORT ANSWER TYPE)

5. Write notes on any five (From all units) 3 x 5 = 15 marks
(Answer in two to three Sentences)
6. Explain only .. (From unit I & II) 5 x 3 = 15 marks
(Only Bhavarth)

GROUP - C (LONG ANSWERTYPE)

7. Four Long questions (From I, II & III units) 10 x 4 = 40 marks
(Eight questions to be asked)

Total = 100 marks

LANGUAGE-BENGALI

+2 1st year Arts
(Detailed Syllabus)

No. of periods:Yearly:80

Unit-I Poetry

Naibedya - Rabindranath Tagore the following

Pieces to be taught –

1. Pratidina Ami He Jibonswami
10. Jara kache Ache.
20. Tomaro pataka Jare dao
27. Dehe Ar Mare prane
50. E Durbhagya Desh Hote

Unit-II History of Bengali Literature

Topics to be taught :-

Charyapada, Kabikankan Mukundaram and Chaitanya Sahitya

Unit-III Short - Story

Bangla Galpa Sangraha - Mahashareta Devi

Pieces to be taught :

1. Chhuti - Rabindranath Tagore
2. Mahesh - Sarat Ch. Chattopadhyay
3. Adarini - Pravat Kr. Mukhopadhyay
4. Kalapahar - Tarasankar Bandopadhyay

Unit-IV Grammar

Proverb and Idioms Common errors in words.

* * * *

QUESTION PATTERN AND DISTRIBUTION OF MARKS

LANGUAGE-BENGALI

Full Mark : 100

+2 2nd year Arts(For college level Exam.)

Time : 3 Hours

GROUP - A (OBJECTIVE TYPE)

1. Multiple Choice (From I,II & IV units) 1 x 10 = 10 marks
2. One word answer (-do-) 1 x 10 = 10 marks
3. Correct the Sentences (-do-) 1 x 5 = 5 marks
4. Fill in the Blanks (-do-) 1 x 5 = 5 marks

GROUP - B (SHORT ANSWER TYPE)

5. Write notes on any five (From all units) 3 x 5 = 15 marks
(Answer in two to three Sentences)
6. Explain only .. (From unit I & II) 5 x 3 = 15 marks
(Only Bhavarth)

GROUP - C (LONG ANSWERTYPE)

7. Four Long questions (From I, II & III units) 10 x 4 = 40 marks
(Eight questions to be asked)

Total = 100 marks

LANGUAGE- BENGALI

(+2 2nd year Arts)
(Detailed syllabus)

Unit – I: Poetry (20 periods)

Naibedya - Rabindranath Tagore

Pieces to be studied –

30. Bairagya Sndhna Mukti
45. Je Bhakti Tomare Loye
60. Ekada E Bharater
72. Chitta Getha Bhayashunya
90. Mrityno Angyata Mor

Unit – II :History of Bengali Literature(20 priods)

Topics to be taught :-

History of Bengali Prose to be incorporated, Tarasankar &Manik Banodopadhay

Unit – III: Short – Story(20 periods)

Bangla galpa Sangraha - Mahasweta Devi

Pieces to be taught :

1. Kabuliorala - Rabindranath Tagore
2. Abhagir Swarga - Sarat Chandra Chattopadhyay
3. Madhu Master - Tarasankar
4. Puimacha - Bibhuti Bhusan Bandopadhyay

Unit - IV Grammar (20 periods)

Alankar- Anupras, Yamak, Slesha, Upama, Rupak, Utprekshya

QUESTION PATTERN AND DISTRIBUTION OF MARKS

LANGUAGE-BENGALI

Full Mark : 100

+2, 2nd year Arts(For H S Exam-2015) Time : 3 Hours

GROUP - A (OBJECTIVE TYPE)

1. Multiple Choice (From I,II & IV units) 1 x 10 = 10 marks
2. One word answer (-do-) 1 x 10 = 10 marks
3. Correct the Sentences (-do-) 1 x 5 = 5 marks
4. Fill in the Blanks (-do-) 1 x 5 = 5 marks

GROUP - B (SHORT ANSWER TYPE)

5. Write notes on any five (From all units) 3 x 5 = 15 marks
(Answer in two to three Sentences)
6. Explain only .. (From unit I & II) 5 x 3 = 15 marks
(Only Bhavarth)

GROUP - C (LONG ANSWERTYPE)

7. Four Long questions (From I, II & III units) 10 x 4 = 40 marks
(Eight questions to be asked)

Total = 100 marks

LANGUAGE-TELUGU

+2 1st year Arts
(Detailed syllabus)

UNIT – I: POETRY: (20 periods)

- | | | |
|-------------------------|---|--------------------------|
| 1. Satyabhama santwanam | - | Nandi Timmana |
| 2. Kinnera nadakulu | - | Viswanadha satyanarayana |
| 3. Shankranti | - | Tummala Seetarama Murty |
| 4. Sainikudi Uttaram | - | Balagangadhara Tilak |
| 5. Lakuma tyagam | - | Dr.C.Narayana Reddy |

UNIT – II: PROSE : (20 periods)

- | | | |
|--|---|-------------------------------|
| 1. Maharastrulu Andhra Bhasa seva | - | Vidvan Vemuri Venkata ramayya |
| 2. Margadarsi Gurajada | - | Khandavalli Lakshmi ranjanam |
| 3. Kala Purnodayamu Katha Samvidhana Vaichitri - | - | Dr.G.V.Krishna rao |
| 4. Gramanama Vignanam | - | Dr. Singupuram Narayana Rao |

UNIT – III: NON – DETAIL : (16 periods)

- | | | |
|----------|---|---------------------|
| Devayani | - | Chundi Venkanna Rao |
|----------|---|---------------------|

UNIT – IV: A) GRAMMAR : (16 periods)

Chandassu : Utpalamala, Champakamala, Sardhulam, Mattebham, Kandamu, Tetageeti, Ataveladi.
Alankaramulu : Upama, Rupaka, Utpreksha, Ardhataryasa, Atisayokti, Swabhavokti, Anuprasa

B) History of Telugu Literature: (08 periods)

Some knowledge about the following poets and their writings. Nannaya, Tikkana, Yerrapragada, Sreenadha, Potana, Rayalu, Tenali Ramakrishna, Vemana, Kandukuri, Gurajada, Rayaprolu, Sri Sri.

BOOKS PRESCRIBED :

- | | | |
|--|-----------------------|--------------------------------|
| 1. Poetry & Prose : | SAHITEE MANJARI- | By Dr. Singupuram Narayana Rao |
| 2. Non-Detail : | DEVAYANI- | By Chundi Venkanna Rao |
| 3. Grammar : | Vyakarana parijatamu- | By Dr. Singupuram Narayana Rao |
| 4. History of Telugu :
Literature : | Sahity Parichayamu- | By Dr. Singupuram Narayana Rao |

QUESTION PATTERN AND DISSTRICTION OF MARKS

LANGUAGE-TELUGU

+2 1st year Arts(For college level exam)

Full Marks 100

Time:3hrs

Group- A (Objective Type - Compulsory)

- | | |
|--|----------------|
| 1. Fifteen multiple choice questions (from unit I, II & III) | 1×15 =15 Marks |
| 2. Fifteen very short questions (from unit I,II,III, IV- A) | 1×15=15Marks |

Group- B (Short Answer Type)

- | | |
|--|---------------|
| 3. Short questions and Bhabartha(from Unit I, II & III) | 2×11=22 Marks |
| 4. Short questions from Unit – I,II,III,IV-A | 3×6=18 Marks |

Group -C (Long Answer Type)

- | | |
|---|--------------|
| 5. Three long questions with alternative | 7×3=21 Marks |
| 6. Letter writing /essay with alternative(from unit iv-B) | 9×1=9 Marks |

LANGUAGE-TELUGU
+2 2nd year Arts
(Detailed syllabus)

UNIT – I POETRY : (20 periods)

- | | | |
|------------------------|---|-------------------------|
| 1. Prahlada Charitra | - | Bammera Potana |
| 2. Sri kalahasteeswara | - | Dhurjati |
| 3. Vasanta vikasam | - | Rayaprolu Subbarao |
| 4. Mallela madugu | - | Puripanda Appala Swami |
| 5. Samunmeshamu | - | Jandhyala Papayya Sasti |

UNIT – II PROSE : (20 periods)

- | | | |
|-----------------------------------|---|-------------------------------|
| 1 Desabhimanamu | - | Kandukuri Veeresalingam |
| 2 Reddi Yugamu-Andhra Vaknamayamu | - | Mallampalli Somasekhara Sarma |
| 3 Abhyudaya Sahityam | - | Kodavatiganti Kutamba Rao |
| 4 Maha kavi Gurajada | - | Dr. Singupuram Nayayana Rao |

UNIT – III NON – DETAIL : (16 periods)

- | | | |
|--------|---|------------------------------|
| Varadu | - | Dr. Kandimalla Sambashivarao |
|--------|---|------------------------------|

UNIT – IV A) GRAMMAR : (16 periods)

Sanskruta Sandhulu : Savarnadeergha , Guna, Yanadesa, Anunasika, Pararupa,
Telugu Sandhulu : Dvirukta takara, Gasadadavadesa, Saraladesa, Amredita, Trika, Ataveladi,
Tetageeti Samasamulu : Tatpurusha, Karmadharaya, Dvigu, Dwandva, Bahuvreehi, Avyayeebhava.

B) LITERARY FORMS :(08 periods)

Itihasamu, Puranamu, Kavyamu, Kadhanika, Navala, Vyasamu, Jeevita Charitra,Ekankika,
Satakamu, Yaksha ganamu

BOOKS PRESCRIBED :

- 1) **Poetry & Prose : Sahitee Koumudi**
-By Dr. Singupuram Narayana Rao
- 2) **Non-Detail : Varadu**
-By Kandimalla Sambhashivarao
- 3) **Grammar : Vyakarana Parijatamu**
-By Dr. Singupuram Narayana Rao
- 4) **Literary Forms : Sahitya Parichayamu**
- By Dr. Singupuram Narayana Rao

QUESTION PATTERN AND DISTRIBUTION OF MARKS
LANGUAGE-TELUGU
+2 2nd year Arts(For HS Exam-2015)

Time 3 hours

Full Marks 100

Group- A (Objective Type)

- | | |
|--|----------------|
| 1. Fifteen questions (from unit I, II & III) | 1x15 =15 Marks |
| 2. Fifteen very short questions(from unit IVA) | 15x1=15 Marks |

Group- B (short Type Questions)

- | | |
|--|---------------|
| 3. Short questions& Bhabartha(from Unit I, II & III) | 2x11=22 Marks |
| . | |
| 4. Short questions (from Unit I, II,III, IV-A) | 3x6=18 Marks |

Group -C (Long Type Questions)

- | | |
|--|--------------|
| 5. Three long questions with alternative | 3x7=21 Marks |
| 6. Literary Forms (from unit IV-B) | 1x9=9 Marks |

LANGUAGE-URDU

+2 1st year Art
(Detailed syllabus)

No. of periods:yearly:80

Unit-I: Prose

(30 periods)

Books Prescribed :TANWEER- E- ADAB : By Sagir Ahmed Jaan

(Only chawtha daur and panchuan daur)

Unit-II: Drama

(15 periods)

Books Prescribed :Rustam-O-Sohrab -By Agha Hashar

Unit-III:SHORT STORIES

(20 periods)

Books Prescribed :Numainda Mukhtasar Afsane --By Azimuddin.

Portions to be studied:

(i). I.C.S, (ii) Jine Ke Liye, (iii) Kalesahab, (iv) Foot path, (v) Atthara Ane, (vi) Sirf Ek Ana.

Unit-III :NOVELS

Books Prescribed

(15 periods)

(i) Firdous Barin : -By Abdul Halim Sharar

(ii) Nirmala- By prem Chand

* * * *

QUESTION PATTERN AND DISTRIBUTION OF MARKS LANGUAGE-URDU

+2 1st year Arts(For college level Exam.)

Full marks:100

Time- 3hrs

Group-A

Q1. Three short questions from (Prose, Drama and Novel –one question from each portion)
carrying 5 marks each 5 x 3=15 marks

Q.2 (i) Comprehension with literary appreciation of an unseen passage of about
100 wards followed by five questions to be answered carrying 2 marks each 2x5= 10 marks

(ii) Correct the sentences-- five questions to be answered
Carrying one mark each 1 x 5=5 marks

Group-B(Short Answer Type)

Q.3 Answer within two/three sentences

(i) Rustam O Sohrab : Six questions to be answered
out of eight questions 2 x 6 = 12 marks

(ii) Tanweere- Adab : Five questions to be answered
Out of six questions 2 x 5= 10 marks

Q.4 Answer with in six sentences

Numainda Mukhtasar Afsane : Six questions
to be answered out of eight questions 3 x 6 = 18 marks

Group-C Long Answer Type)

Q.5 Four questions to be answered out of six questions 7.5 x 4=30 marks

From the books Numainda Mukhtasar Afsane
and Firdous Bareen or, Nirmala

LANGUAGE-URDU

+2,2nd year Arts

(Detailed syllabus)

No. of periods:Yearly-80

Unit-I: (35 periods)

Books Prescribed:

Kalam- E- Mir : By Dr Abdul Haque or Abdul Mannan Bedil

Portion to be studied:

- a. Life and style of the poet.
- b. Ghazaliyat “ Radif Alif and Yaa”
- c. Masnavi
 - i. Jhoot, ii. Duniya, iii. Gharki Barbadi, iv. Mienh Ki Tugyani, v. Ghar Ka Haal.

Unit-II: Non- Detailed Studies (15 periods)

Books Prescribed:

Chand Ham Asar :By Maulana Abdul Haque

Portions to be studied:

- i. Sayed Mehmud Marhoom
- ii. Maulvi Chairag Ali Marhoom
- iii. Maulana Waheedudin Salim
- iv. Gudrika Laal, Noor Khan
- v. Mohsenul Mulk
- vi. Maulana Mohammad Ali Marhoom
- vii. Hali

Unit-III: Grammar and Qawaid (30 periods)

a. Illmulbalaghat

Portions to be studied:

- i. Tashbeeh, ii. Istiara, iii. Kinaya, iv. Talmeeh, v. Miratun Nazir, vi. Husn-E-Talab, vii. Tazad, viii. Taaliel, ix. Mobaligha, x. Majaz

b. Urdu Zaban-O- Qawaid Part-I

By Shafi Ahmed Siddiqui

Portions to be studied:

- i. Sabque aur lahaque
- ii. Tazkir- O- Tanis
- iii. Mutazad Alfaz
- iv. Mahawara.

QUESTION PATTERN AND DISTRIBUTION OF MARKS
LANGUAGE-URDU

+2,2nd year Arts(For H.S Exam. 2015)

Full marks:100

Time – 3 hrs

Group-A

15 Marks

- Q.1 (i) One short question from the life and style of the poet carrying 5 (five) marks from the book Kalam- E-Mir
(ii) one short question from the non-details portion carrying 5(five) marks from the book Chand Ham Asar.
(iii) One short question from the Masnavi portion carrying 5 (five) marks from the book Kalam-E-Mir.

- Q.2 (i) Comprehension with literary appreciation of an unseen Passage of about 100 words followed by five questions to be answered carrying 2 mark each
(ii) Correct the sentences five question to be Answered carrying 1(one) mark each

2x 5= 10 marks

1x 5 = 5 marks

Group-B(Short Answer Type)

- Q.3 Answer with in 15(fifteen) to 20(twenty) words
“ Chand Ham Assr” 7 (Seven) Chapters
Eleven questions to be answered out of
Fourteen questions
- Q.4 Kalam- E- Mir : Six Ashaar explanation to be answered
Out of eight Ashaar

2 x 11 = 22 marks

3 x 6 = 18 marks

Group- C(Long Answer Type)

- Q.5 Four questions to be answered out of six questions from the books illmulbalaghat and urdu- Zaban-O- Qawaid Part-I 7.5 x 4=30marks

LANGUAGE-SANSKRIT

+2, 1st year Arts
(Detailed syllabus)

No. of periods:yearly:80

Unit-I :Poetry (25 periods)

Kumarasambhavam of Kalidasa [Canto V]

कुमारसम्भवम् - पञ्चमः सर्गः

Unit-II :Prose(20periods)

Sanskritamandakini (Gadyabagah)

संस्कृतमन्दाकिनी (गद्यभागः)

The following prose pieces from the above mentioned book are to be studied.

1. उपमन्युकथा (Upamanyukatha)
2. परहितसाधनम् (Parahitasadhanam)
3. मुद्रिकाप्राप्तिः (Mudrikapraaptih)
4. चन्द्रभूपतिकथा (Candrabhupatikatha)
5. ससेमिराकथा (Sasemirakatha)
6. ध्रुवोपाख्यानम् (Dhruvopakhyanam)
7. विभीषणस्य रावणं प्रति उपदेशः (Vibhisanasya Ravanam prati upadesah)

Unit – III: History of Sanskrit Literature (15 periods)

A) History of the following authors and their works are to be studied.

01. वाल्मीकि Valmiki
02. व्यास Vyasa
03. कालिदास Kalidasa
04. भास Bhasa
05. विष्णुशर्मा Visnusarma
6. पण्डित नारायण Pandita Narayana
07. चाणक्य Canakya
08. जयदेव Jayadeva
9. विश्वनाथकविराज Visvanathakaviraja
10. मुरारि मिश्र Murari Misra

B) Translation of Textual Sanskrit Sentences into Odia/Englis

are to be done (10 periods)

Unit – IV: Grammar (10 periods)

(Textual and out side the text /General)

A) Grammar (Textual)

- i) समास (Samasa)
- ii) कारक-विभक्ति (Karakavibhakti)
- iii) प्रकृति-प्रत्यय (Prakrtipratyaya)

B) Grammar (General/out side the text)

- i) कृदन्त- (रिद्धि) शतृ, शानच्, तव्य, अनीयर्, क्त, क्तवतु, क्त्वा, ल्यप्, तुमुन्, क्तिन्, ल्युट्, घञ्, खल्
- ii) तद्धित -(Taddhita) अण्, त्व, तल्, मयट्, इन्, मतुप्, यत्
- iii) वाच्यपरिवर्तन (Vacyaparivartana)
- iv) वाक्यरचनम् (Sentence formation)
- v) भ्रमसंशोधन (Correction of sentences)
- vi) णिजन्त-(Nijanta) -भू, स्था, पठ्, गम्, कृ, दा, ज्ञा, पा, नी

Books prescribed:

01. संस्कृतमन्दाकिनी - Published by Odisha State Bureau of Textbook Preparation and Production.
02. संस्कृत-साहित्य-इतिहास - History of Sanskrit Literature By A. B. Keith, Translation by B. Kar
Published by Odisha State Bureau of Textbook Preparation and Production.
03. व्याकरणदर्पणः Published by Odisha State Bureau of Textbook Preparation and Production
04. संस्कृत-कवि-परम्परा : -do-
05. Kumarasambhavam(Canto-V) of Kalidasa.
कुमारसम्भवम् - पञ्चमः सर्गः,

QUESTION PATTERN AND DISTRIBUTION OF MARKS
Language-SANSKRIT
+2,1st Year Arts (For College level Exam)

GROUP - A

1. Multiple Choices : 1x15 = 15 Marks

MARK-DIVISION : Prose - 1x5 = 5 Marks
: Poetry - 1x4 = 4 Marks
: Samasa - 1x2 = 2 Marks
: Prakritiprataya - 1x2 = 2 Marks
: Karaka Vibhakti - 1x2 = 2 (from the text)

Q.2. One word Answer / Correction / Fill up the Blanks : 1x15 =15 Marks

MARK DIVISION : Prose - 1x3 = 3
: Poetry - 1x3 = 3
Vacyaparibartan - 1x2 = 2
Krdanta - 1x2 = 2
Taddita - 1x2 = 2
: Samasa - 1x3 = 3 (from the text)

GROUP -B

Q.3. Short Type Answer (within 2/3 sentences / 12words) : 2x11 = 22

MARK DIVISION : Prose - 2x4 = 8
: Poetry - 2x2 = 4
: Translation from English
/ Odia in to Sanskrit - 2x5 = 10

Q.4. Short Type Answers (with in 25words) : 3x6 = 18

MARK DIVISION : (a) Prose - 3 x 4 = 12 (Out of 05 Qs)
(b) Poetry - 3x2 =06 (Out of 03 Qs)

GROUP – C(LONG TYPE ANSWERS)

5. (within 08 sentences / 40 words) : 7 ½ × 4 = 30 (04 OUT OF 06 Qs)
Prose (Long Questions = 02 Nos)
Poetry (Long Question = 02 Nos)
History of Sanskrit Literature(Long Questio=02 Nos)

N.B.- The questions may be answered in Sanskrit or Odia or English if not otherwise specified.

LANGUAGE-SANSKRIT

+2, 2nd year Arts
(Detailed syllabus)

No. of periods:yearly:80

Unit-I : Drama (20 periods)

Svapnavasavadattam of Bhasa

स्वप्नवासवदत्तम् (Act-I, II, III & IV)

Unit – II:Drama(15 periods)

Svapnavasavadattam of Bhasa

स्वप्नवासवदत्तम् (Acts-V & VI)

Unit – III:Poetry (20 periods)

Sanskrtamandakini(Padyabhagah)

संस्कृतमन्दाकिनी (पद्यभागः)

The following poetry pieces from the above mentioned book are to be studied.

1. चाणक्यनीतिः (Canakyanitih) Verses 01 to 24
2. रघुवंशम् (Raghuvamsam) Verses 01 to 20
3. दमयन्तीस्वयंवरः (Damayantisvayamvarah)

Unit – IV :Grammar from and outside the text.(15 periods)

A) Grammar (Textual)

- i) कारक-विभक्ति (Karakavibhakti)
- ii) सन्धि (Sandhi)
- iii) सन्धिविच्छेद (Sandhiviccheda)
- iv) समास (Samasah)

B) Grammar (General / out side the text)

1. शब्दरूप (Sabdarupe)
 - a) पुल्लिङ्ग -इत्स्त्वे - देव, कवि, पति, सखि, भ्रातृ, पितृ, वणिक्, सम्राट्, गच्छत्, भवत्, महत्, सुहृद्, राजन्, गुणिन्, पथिन्
 - ii) स्त्रीलिङ्ग - Strilinga- लता, मति, नदी, स्त्री, वधू, मातृ, दिशः, विपद्
 - iii) क्लीबलिङ्ग -Klivalinga- फल, वारि, अक्षि, मधु, कर्मन्, नामन्, पयस्
 - iv) सर्वनाम -Sarvanama- तद्, किम्, इदम्, सर्व, युष्मद्, अस्मद्
 - v) संख्यावाचक-Samkhyavacaka - एक, द्वि, त्रि, चतुर, पञ्चन्,
2. धातुरूप (Dhaturupe) - भू, गम्, दृश्, कृ, पठ, अस्, ज्ञा, नी, पा, प्रच्छ, लभ, दा, विद्, पूज्
3. स्त्रीप्रत्यय (Stripratyaya)

Unit – V:Translation (10 periods)

Translation (General) from English/Odia into Sanskrit are to be worked out.

Books prescribed:

01. संस्कृतमन्दाकिनी - Published by Odisha State Bureau of Textbook Preparation and Production.
02. व्याकरणदर्पणः- Published by Odisha State Bureau of Textbook Preparation and Production
03. स्वप्नवासवदत्तम् भासकृतम्

QUESTION PATTERN AND DISTRIBUTION OF MARKS
Language-SANSKRIT
+2, 2nd Year Arts (For H S Exam-2015)

GROUP - A

1. Multiple Choices :		1x15 = 15
<i>MARK-DIVISION</i>	: Drama	- 1x5 = 5
	:Poetry	- 1x4 = 4
	: Sabdarupa	- 1x2 =2
	:Dhaturupa	- 1x2 = 2
	: Karaka Vibhakti	- 1x2 = 2 (from the text)

Q.2. One word Answer / Correction / Fill up the Blanks : 1x15 =15

<i>MARK DIVISION</i>	: Drama	- 1x3 = 3
	: Poetry	- 1x3 = 3
	: Ekapadikaranam	- 1x2 = 2
	(Stripratya)	
	: Sandhi	- 1x2 = 2
	:Sandhiviccheda	- 1x2 = 2
	: Samasa	- 1x3 = 3 (from the text)

GROUP -B

Q.3. Short Type Answer (within 2/3 sentences / 12words) : 2x11 = 22

<i>MARK DIVISION</i>	: Drama	- 2x4 = 8
	: Poetry	- 2x2 = 4
	: Translation from English	
	/ Odia in to Sanskrit	- 2x5 = 10

Q.4. Short Type Answers (with in 25words) : 3x6 = 18

<i>MARK DIVISION :</i>	(a) Drama	- 3 x 4 = 12 (Out of 05 Qs)
	(b) Poetry	- 3x2 =06 (Out of 03 Qs)

GROUP – C(LONG TYPE ANSWERS)

5. (within 08 sentences / 40 words) : 7 ½ × 4 = 30 (04 OUT OF 06 Qs)
Drama (Long Questions = 03 Nos)
Poetry (Long Question = 01 No)
Explanation (one from Drama)
Explanation (one from Poetry)

N.B.- The questions may be answered in Sanskrit or Odia or English if not otherwise specified.

HISTORY

+2 1st year Arts

(Detailed syllabus)

No. of periods :yearly :80

Unit – I (20 periods)

1. Contributions of river valley civilization : Egypt, Mesopotamia and China.
2. (i) Ancient Greece : Rise of city states - Athens and Sparta, Evolution of democracy, the age of pericles.
(ii) Ancient Rome : Society and Government, Julius Ceasor - Achievements.
(iii)Major religious : Christianity and Islam.

Unit – II (12 periods)

1. Feudalism in Europe : Features, Merits and Demerits.
2. Science and Changing cultural traditions in Europe (14th to 17th century) : New ideas and new trends in Science, literature and Art.
3. European Voyages of Explorations. (15th to 17th Century)

Unit – III (13 periods)

1. Industrial Revolution - Innovations and technological change.
its Impact
2. American War of Independence : Causes and consequences.
3. French Revolution of 1789 : Causes and Significance.

Unit – IV (15 periods)

1. Formation of Nation States : Italy and Germany.
2. First World War : Causes.
3. Russian Revolution of 1917 : Causes and effects.

Unit – V (20 periods)

1. Events leading to the Second World War, emergence of New world Order : Cold War, NATO, CENTO and end of the Cold War.
2. United Nations : Origin, Objectives and Structure.
3. Non-Alignment Movement, Regional Cooperation in Asia - SAARC, ASEAN, Trend towards global economy.

Books Prescribed : Bureau's Higher Secondary (+2) World History

ବୁକ୍ସ୍ ପ୍ରେସ୍ ଦ୍ୱାରା ପ୍ରସ୍ତୁତ କରାଯାଇଥିବା (+2) ପୃଥକ୍ ପୃଥକ୍ ଇତିହାସ

Published by : Odisha State Bureau of Text Book Preparation & Production, Bhubaneswar

QUESTION PATTERN AND DISTRIBUTION OF MARKS
HISTORY

+ 2, 1st Year Arts (For College Level Exam)

Full Mark:100

Time:3 hrs

Group – A (Objective Type – Compulsory)

Q.1 Multiple choice (15 bits from all units) 1 mark each x 15 =15 marks

Q.2 One word answer / Very short answer/
correct the sentence / filling up the blanks 1 mark each x 15=15 marks

Group B (Short type Answer)

Q.3 Answer within Two/three sentences 2 marks each x 11 =22 marks
(out of 14 bits, one has to answer 11 bits)

Q4. Answer within six sentences 3 marks each x 6 = 18 marks
(Out of eight bits, one has to answer six bits)

Group C(Long answer type)

Q5. Out of six Questions from all units, one has to answer 4 questions. 7.5 marks each x 4 = 30 marks

Q.10

HISTORY
+2, 2nd year Arts
(Detailed syllabus)

No. of periods : yearly:80

Unit – I (20 periods)

1. History : Meaning and Relevance.
2. Sources of Indian History : Archaeological, Literary, Foreign Accounts, Archival.
3. Foundation of Indian Culture :
(a) Harappan Culture : Geographical Extent, Town planning and structures, Agriculture, Domestication of animals, Technology and Craft, Trade and Religious practices.
(b) Rig Vedic and Later Vedic Age : Socio-economic life, Political Organisation and Religious Beliefs, Ramayana and Mahabharat.

Unit – II (14 periods)

1. Religions Movements of sixth century B.C. Jainism and Buddhism : Teachings, Contributions to Indian Culture.
2. Kalinga War, Mauryan Administration.
3. Cultural Attainment of the Gupta Age.

Unit – III (14 periods)

1. Delhi Sultanate : Nature of the state, social structure, position of women.
2. Sufi and Bhakti movements : Tenets Impact on Indian Society.
3. Culture of the Mughal Age : Social structure position of women, Architecture, Paint Din-i-Lahi.
4. Vijaya Nagar Empire : Krishna Deva Ray

Unit – IV (19 periods)

1. The Revolt of 1857 : Nature, Causes and Consequences.
2. British Economic Policies in India (1757 - 1857) : Commercial Policy, Drain of Wealth, Development of Means of Transport and Communication, Land Revenue Policy.
3. Mahatma Gandhi and the Nationalist Movement
(a) Non-Co-operation Movement and its response in Odisha.

(b) Civil-Disobedience Movement and its response in Odisha.

(c) Quit India Movement and its response in Odisha.

Unit – V (13 periods)

1. Great Rulers of Odisha - Kharavela, Chodaganga Deva and Kapilendra Deva.

2. Emergence of Modern Odisha.

(a) Formation of the Province of Odisha.

(b) Merger of the Princely states of Odisha.

Books Prescribed : ବୁକ୍ସ ପ୍ରେସ୍‌ଡ୍ ଉଚ୍ଚ ମାଧ୍ୟମିକ (+୨) ଭାରତ ଇତିହାସ

Published by : Odisha State Bureau of Text Book Preparation & Production, Bhubaneswar

**QUESTION PATTERN AND DISTRIBUTION OF MARKS
HISTORY**

+ 2, 2nd Year Arts (For H S- Exam-2015)

Full Mark:100

Time:3 hrs

Group – A (Objective Type – Compulsory)

Q.1 Multiple choice (15 bits from all units) 1 mark each x 15 =15 marks

Q.2 One word answer / Very short answer/
correct the sentence / filling up the blanks 1 mark each x 15=15 marks

Group B (Short type Answer)

Q.3 Answer within Two/three sentences 2 marks each x 11 =22 marks
(out of 14 bits, one has to answer 11 bits)

Q.4. Answer within six sentences 3 marks each x 6 = 18 marks
(Out of eight bits, one has to answer six bits)

Group C(Long answer type)

Q.5. to Q.10 Out of six Questions from all units, one has to answer 4 questions. 7.5 marks each x 4 = 30 marks

POLITICAL SCIENCE

+2 1st year Arts
(Detailed syllabus)

No. of periods:yearly:80

Unit-I : Foundations of Politics and Government (20 periods)

(A) Introducing Political Science

- i) Political Science- Meaning, Scope and Nature; Relationship of Political science with Politics, History, Economics, Sociology and Philosophy;
- ii) State – Meaning, Elements and Necessity; Distinction between State and Society, State and Government, State and Association and State and Nation.

(B) Changing Nature of State Activity

- i) Individualism- Meaning, Background and Evaluation;
- ii) Welfare State- Meaning, History and Estimate;
- iii) Globalisation- Meaning, Background and Assessment; U.N- Objectives and Roles;
- iv) Civil Society- Meaning and Role.

Unit-II (20 periods)

(A) Understanding Constitution

- i) Constitution: Meaning, Types and Importance;
- ii) Constitution of India: Preamble, Salient Features and Procedure of Amendment.

(B) Machinery of State-I

- i) Theory of Separation of Powers
- ii) Legislature: Functions and Types
- iii) Union Legislature: Parliament of India - Composition and Functions; State Legislatures – Composition and Functions of Odisha Legislative Assembly

Unit-III : Machinery of State-II (20 periods)

- i) Executive- Functions and Types
- ii) Executive in India- President, Prime Minister, Council of Ministers, Governor and Chief Minister
- iii) Judiciary – Function and Importance
- iv) Judiciary in India- Supreme Court, High Courts, Judicial Review, Judicial Activism and Independence of Judiciary
- v) Bureaucracy- Meaning and Role

Unit-IV : Basic Concepts (20 periods)

- i) Law – Meaning, Sources and Types
- ii) Liberty- Meaning and Types
- iii) Equality- Meaning and Types
- iv) Justice- Meaning and Types
- v) Rights- Meaning and Types; Meaning and Importance of Human Rights
- vi) Citizenship- Meaning and Types
- vii) Peace- Meaning and Importance
- viii) Development : Meaning and Models.

Books Prescribed : Bureau's Higher Secondary (+2) Political Science, Part-I

ଦୁୟରୋ ଉଚ୍ଚ ମାଧ୍ୟମିକ (+୨) ରାଜନୀତି ବିଜ୍ଞାନ ପ୍ରଥମ ଭାଗ

Published by : Odisha State Bureau of Text Book Preparation & Production, Bhubaneswar

QUESTION PATTERN AND DISTRIBUTION OF MARKS

POLITICAL SCIENCE

+ 2, 1st Year Arts (For College Level Exam)

Full Mark:100

Time:3 hrs

Group – A (Objective Type – Compulsory)

Q.1 Multiple choice (15 bits from all units) 1 mark each x 15 =15 marks

Q.2 One word answer / Very short answer/
correct the sentence / filling up the blanks 1 mark each x 15=15 marks

Group B (Short type Answer)

Q.3 Answer within Two/three sentences 2 marks each x 11 =22 marks
(out of 14 bits, one has to answer 11 bits)

Q.4. Answer within six sentences 3 marks each x 6 = 18 marks
(Out of eight bits, one has to answer six bits)

Group C(Long answer type)

Q5. Out of six Questions from all units, one has to answer 4 questions. 7.5 marks each x 4 = 30 marks

Q.10

POLITICAL SCIENCE

+2 2nd year Arts

(Detailed syllabus)

No. of periods:yearly:80

Democracy, Nation Building and Ideologies

Unit-I : Democratic Process-I (20 periods)

- i) Democracy-Meaning, Types, Characteristics, Estimate and Conditions for the successful working of Democracy
- ii) Authoritarianism- Meaning, Features, Types and Criticism
- iii) Fundamental Rights, Directive Principles of State Policy and Fundamental Duties as provided in the Constitution of India; Right to Information

Unit-II Democratic Process-II (20 periods)

- i) Political Parties- Meaning, Functions and Party Systems
- ii) Parties and Party System in India- Nature and General Characteristics
- iii) Public Opinion- Meaning and Agencies; Freedom of the Press
- iv) Election Commission of India- Composition and Functions; Electoral Reforms
- v) Democratic Decentralization and Grassroots Democracy in India- Panchayati Raj and Urban Local Bodies

Unit-III Issues in Nation Building (20 periods)

- i) Nationalism – Meaning and Importance; and Role of the Freedom Struggle of India
- ii) India's Foreign Policy- Basic Principles
- iii) Unitary State and Federation- Meaning and Importance; Federalism in India
- iv) Constitutional Strategy for National Integration in India- Secularism, Social Justice and Economic Development
- v) Major Challenges to National Integration in India- Regionalism, Casteism, Communalism and Terrorism

LOGIC
+2 1st year Arts
(Detailed syllabus)

No. of periods:Yearly-80

Unit – I (15 periods)

Nature of Logic : Definition of Logic, Structure of Argument, Sentence and Proposition, Truth and Validity, Sound and unsound Argument, Principles of Logic.

Logic and Language : Uses of Language, Words and Terms, Denotation, Connotation & Extension.

Unit – II (15 periods)

Definition and Meaning : Denotative definition, Ostensive definition, Connotative definition (definition by genus and differentia).

Propositions : Classification of propositions, Reduction to Logical form, Distribution of terms, Sevenfold relation of propositions, Square of oppositions.

Unit – III (35 periods)

Nature, Problem and Procedure of Induction : Induction and Deduction, Primary and Secondary induction, Procedure of induction, Problem of induction.

Induction and Probable Inference : Scientific induction, Induction by simple enumeration, Analogy, Statistical syllogism.

Formal Grounds of Induction : Law of Uniformity of Nature, Law of causation, Qualitative and Quantitative marks of causation, Cause and Condition, Different views of causation, Plurality of causes, Conjunction of causes, Intermixture of effects.

Unit – IV 15 periods

Material Grounds of Induction : Observation and Experiment.

Hypothesis : What is Hypothesis? Conditions of Legitimate hypothesis, Proofs of Hypothesis.

Books Prescribed :

1. Bureau's Higher Secondary +2 Logic Part – I.
2. ବୁକ୍ସରୋ ଉଚ୍ଚ ମାଧ୍ୟମିକ (+୨) ଡକ୍ଟ୍ରିନାସ୍ତ୍ର ପ୍ରଥମ ଭାଗ

Published by Orissa State Bureau of Textbook Preparation and Production, Bhubaneswar.

QUESTION PATTERN AND DISTRIBUTION OF MARKS

LOGIC

+2 1st year Arts(For college level Exam.)

Full marks-100

Time-3hrs

Group -A (Objective type)

- | | |
|--|---------------|
| 1. Multiple Choice | 1x15=15 marks |
| 2. Answer in one word/ Correct the sentences/ Fill in the blanks | 1x15=15 marks |

Group- B (Short Answer Type)

- | | |
|--|---------------|
| 3. Answer in two or three sentences (Any Eleven) | 2x11=22 marks |
| 4. Explain or Distinguish between (Any six) | 3x6=18 marks |

Group- C(Long Answer Type)

- | | |
|---|---------------|
| 5 to 10. Answer any four questions out of six questions | 7.5x4=30marks |
|---|---------------|

LOGIC
+2, 2nd year Arts
(Detailed syllabus)

No. of periods:yearly:80

Unit –I

(30 periods)

The Theory of Inference : Classification of Inference, conversion, Obversion, Categorical Syllogism, Structure, Figure, Moods, Rules of Syllogism, Determination of valid mood, Special Rules of Figures, Aristotle's Dictum, Direct and Indirect Reduction.

Unit –II

(20 periods)

Mixed Syllogism: Different forms, Hypothetical – Categorical, Alternative-Categorical, Disjunctive-Categorical, Dilemma : Forms , Refutation, Rebuttal of Dilemma.

Fallacies : Informal Fallacies, Fallacy of Relevance, Fallacy of Presumption, Fallacy of Ambiguity. Inductive Fallacies : Fallacy of Illicit generalization, False analogy, Extra logical fallacies, Ignoratio Elenchi.

Unit –III

(10 periods)

Propositional Logic : Symbolic Logic and its characteristics, Propositional variable, Logical constants, Propositional connectives, truth functions, construction of Truth tables, Testing of validity by direct truth tabular methods.

Unit –IV

(20 periods)

Methods of Experimental Enquiry – Mill's Five Experimental methods.

Scientific Explanation : Scientific Explanation,

Nyaya Syllogism and its Structure

Books Prescribed

1. Bureau's Higher Secondary +2 Logic Part – II.
2. ବୁକ୍ସରୋ ଉଚ୍ଚ ମାଧ୍ୟମିକ (+୨) ଡକ୍ଟ୍ରିନାସ୍ତ୍ର ଦ୍ଵିତୀୟ ଭାଗ

Published by Orissa State Bureau of Textbook Preparation and Production, Bhubaneswar

QUESTION PATTERN AND DISTRIBUTION OF MARKS

LOGIC

+2' 2nd year Arts(For H S Exam-2015)

Full marks-100

Time-3hrs

Group -A (Objective type)

1. Multiple Choice 1x15=15 marks
2. Answer in one word/ Correct the sentences/ Fill in the blanks 1x15=15 marks

Group- B (Short Answer Type)

3. Answer in two or three sentences (Any Eleven) 2x11=22 marks
4. Explain or Distinguish between (Any six) 3x6=18 marks

Group- C(Long Answer Type)

- 5 to 10. Answer any four questions out of six questions 7.5x4=30marks

ECONOMICS
+ 2, 1st Year Arts
(Detailed syllabus)

No. of periods: Yearly-80

Indian Economic Development and Elementary Statistics

- 1. Status and Structure of Indian Economy [10 periods]**
 1. Status of Indian Economy on the eve of Independence.
 2. Basic characteristics of Indian economy.
 3. Structural changes in the Indian economy; Relative contributions of Primary, Secondary and Tertiary sectors.
 4. Infrastructure and its role in the Indian economy - Economic Infrastructure (Energy, Transport and Communications), Social Infrastructure (Education and Health).

- 2. Sectoral Development, Planning and Economic Reforms. [15 periods]**
 - (a) Agriculture - its importance, causes of low productivity, and Green Revolution; Present Agricultural situation.
 - (b) Industry - its importance, Industrial policy of 1948, 1956 and 1991.
 - (c) Foreign trade - its role, composition and direction, Export-import Policy.
 - (d) Objectives and goals of Five Year Plans.
 - (e) Economic Reforms since 1991 - need, main features of Liberalisation, Privatisation and Globalisation.

- 3. Current challenges facing the Indian Economy. [15 periods]**
 - (a) The population problem - Demographic features, causes of population growth, adverse effects of population growth, and population control.
 - (b) Poverty - Absolute and Relative poverty, causes of poverty, and poverty alleviation programmes.
 - (c) Unemployment - Types of unemployment, causes of unemployment and measures to solve them.
 - (d) Inflation - problems and policies.
 - (e) Sustainable Development - Meaning, indicators, effects of economic growth on environment, and the problem of global warming.

- 4. Introductory Statistics. [20 periods]**
 - (a) Meaning, scope, importance and limitations of statistics.
 - (b) Sources of statistical data - Primary and Secondary, NSSO and Census of India as sources of secondary data
 - (c) Methods of data collection - census and sampling methods and their relative merits and demerits.
 - (d) Meaning and types of variables, frequency distribution.
 - (e) Tabular and Diagrammatic presentation of data, Bar diagram, Pie diagram, Histogram, Polygon, Ogive, Time series graph.

- 5. Statistical Methods. [20 periods]**
 - (a) Measures of Central Tendency —Simple and weighted arithmetic mean, median and mode.
 - (b) Measures of dispersion -Absolute measures: Range, Quartile Deviation, Mean Deviation and Standard Deviation and their merits and demerits.
 - (c) Relative Measures: Coefficient of Range, Quartile Deviation, Mean Deviation and Standard Deviation.
 - (d) Lorenz Curve : Meaning and application.
 - (e) Correlation - Meaning, Types, Karl Pearson's Method of computing correlation coefficient in the context of 2-variable ungrouped data.

Books Prescribed:

Bureau's Higher Secondary (+2) Economics, Part-I, ବୁକ୍ସ ଉଚ୍ଚ ମାଧ୍ୟମିକ (+ ୨) ଅର୍ଥଶାସ୍ତ୍ର ପ୍ରଥମ ଭାଗ
Published by Odisha State Bureau of Text Book Preparation & Production, Bhubaneswar

QUESTION PATTERN AND DISTRIBUTION OF MARKS
ECONOMICS

+ 2, 1st Year Arts (For College Level Exam)

Full Mark:100

Time:3 hrs

Group – A (Objective Type – Compulsory)

- Q.1** Multiple choice (15 bits from all units) 1 mark each x 15 =15 marks
- Q.2** One word answer / Very short answer/
correct the sentence / filling up the blanks 1 mark each x 15=15 marks

Group B (Short type Answer)

- Q.3** Answer within Two/three sentences 2 marks each x 11 =22 marks
(out of 14 bits, one has to answer 11 bits)
- Q4.** Answer within six sentences 3 marks each x 6 = 18 marks
(Out of eight bits, one has to answer six bits)

Group C(Long answer type)

- Q5.** Out of six Questions from all units, one has to 7.5 marks each x 4 = 30 marks
to answer 4 questions.
- Q.10**

ECONOMICS
+ 2, 2nd Year Arts
(Detailed syllabus)

No. of periods: Yearly-80

Elementary Micro and Macro Economics

- 1. Basics of Microeconomics and Consumer Behaviour. [15 periods]**
 - a) Meaning of Economics and Microeconomics.
 - b) Central problems of an Economy- Scarcity- and Choice; What; how and for whom to produce ?
 - c) Basic concepts - Human wants, Utility, Goods, Value, Price and Wealth.
 - d) Laws of Consumption - Marginal and Total utility, Law of Diminishing Marginal Utility, Law of Equimarginal utility.
 - e) Demand - Meaning and determinants, Law of demand, Movement along and shifts in demand curve, Price elasticity of demand and its determinants.

- 2. Production, Cost, Revenue, Supply and Forms of Market. [15 periods]**
 - a) Meaning of production and production function; Total, Average and Marginal Product; Law of Variable Proportions.
 - b) Cost - Money and Real cost; Implicit and Explicit cost; Opportunity Cost; Fixed and Variable costs;
 - c) Total, Average and Marginal costs in the short run and their relationship.
 - d) Revenue- Total, Average and Marginal Revenue and their relationship.
 - e) Supply - Meaning and Law of supply.
 - f) Market - Meaning; Forms of Market: Pure and Perfect competition, Monopoly, Monopolistic Competition and Oligopoly; Price Determination under perfect competition; market price and normal price.

- 3. Distribution. [10 periods]**
 - a) Meaning of Distribution, Ricardian Theory of Rent and Quasi-Rent, Money and Real Wages,
 - b) Determinants of Real wage, Causes of Wage Differences, Gross and Net Interest, Gross and Net Profit, Constituents of Profit.

- 4. Introductory Macroeconomics. [20 periods]**
 - a) Meaning of Macroeconomics, Difference between Macro-and Micro-Economics.
 - b) National Income - Meaning and Aggregates related to National Income (GNP, GDP, NNP and NDP at Factor Cost and Market Price), National Disposable Income (Gross and Net), Private Income, Personal Income, Personal Disposable Income, Real and Nominal GDP, GDP and Welfare, Circular Flow of Income in a Two sector Economy, Methods of Computing National Income : Product (Value added), Income and Expenditure Methods.
 - c) Income Determination - Aggregate Demand and its Components, Aggregate Supply, Simple Keynesian Theory of Income Determination,

- 5. Money, Banking and Public Finance. [20 periods]**
 - a) Definition and functions of money.
 - b) Meaning and functions of commercial Banks, Functions of Central Bank.
 - c) Meaning of Public Finance, Sources of Public Revenue, Concepts of Revenue and Capital Expenditure, Plan and Non-Plan Expenditure, Developmental and Non-Developmental Expenditure.
 - d) Meaning and objectives of Government Budget, Difference between balanced and unbalanced budgets, surplus and deficit budgets.

Books Prescribed:

Bureau's Higher Secondary (+2) Economics, Part-II, ବୁଧିବୋ ଉଚ୍ଚ ମାଧ୍ୟମିକ (+ ୨) ଅର୍ଥଶାସ୍ତ୍ର ଦ୍ୱିତୀୟ ଭାଗ
Published by Odisha State Bureau of Text Book Preparation & Production, Bhubaneswar

QUESTION PATTERN AND DISTRIBUTION OF MARKS
ECONOMICS

+ 2, 2nd Year Arts (For H.S. Exam - 2015)

Full Marks:100

Time:3 hrs

Group – A (Objective Type – Compulsory)

Q.1 Multiple choice (15 bits from all units) 1 mark each x 15 =15 marks

Q.2 One word answer / Very short answer/
correct the sentence / filling up the blanks 1 mark each x 15=15 marks

Group B (Short Answer Type)

Q.3 Answer within Two/three sentences 2 markseach x 11 =22 marks
(out of 14 bits, one has to answer 11 bits)

Q4. Answer within six sentences 3 marks each x 6 = 18 marks
(Out of eight bits, one has to answer six bits)

Group C(Long Answer type)

Q5. to Out of six Questions from all units, one has to 7.5 marks each x 4 = 30 marks
Q.10 answer 4 questions.

STATISTICS (THEORY)

+ 2, 1st Year Arts

(Detailed syllabus)

No. of Periods; Yearly-80

UNIT - I :

(20 periods)

a) **Basic Mathematics:**

Permutations and combinations, Binomial theorem, logarithmic and exponential series.

b) **Probability -I :**

Definition of probability:- classical, empirical and axiomatic approach, Sample space and events, Correspondence between sets and events, Probability by direct enumeration, Laws of addition and multiplication, Conditional probability and independent events.

c) **Probability -II :**

Bayes' rule and its application, pairwise independence and mutual independence of events, Mathematical expectation of random variable, Laws of addition of expectation, Multiplication law of expectation for independent random variables, variance of sum of random variables.

UNIT - II :

a. **Statistical methods**

(30 Periods)

Definition, Scope and limitations of statistics, Collection of data: Primary and secondary data, classification of data according to attributes and variables. Tabulation of data, one-way and two-way tables.

Presentation of data: Diagrams, graphs and charts, Simple, multiple, sub-divided and percentage bar diagram, pie diagram, pictogram and cartograms, histogram, frequency polygon, frequency curve and ogives.

b. **Frequency distribution, Measures of central tendency and measures of location:** arithmetic mean, geometric mean, harmonic mean, median, mode, Quartiles, deciles and percentiles.

c. **Measures of dispersion:**

Range, Inter-quartile range, Quartile Deviation, mean absolute deviation, standard deviation, co-efficient of variation and Lorenz curve.

d. **Moments, skewness and kurtosis:**

Raw and central moments of various orders, skewness and its different measures, kurtosis, Beta one (β_1) Beta two (β_2) Gamma one (γ_1) and gamma two (γ_2) measures.

UNIT - III

a) **Sampling methods:**

(30 Periods)

Sample, population, sampling units, sampling frame, Principal steps in sample survey, Census versus sample survey, Idea about questionnaires and schedules, sampling & non-sampling errors, Elementary idea on simple random sampling with and without replacement.

Methods of drawing random samples: Lottery method and random number table method, Estimation of population mean and population total, Variance of these estimates.

b) **Stratified sampling:** Elementary idea on stratified random sampling, Proportional and optimum allocation, Estimation of population mean and population total, Variance of these estimates.

c) **Statistical system in India**

Statistical organizations in the Union and State Governments, Agricultural statistics (Area, yield and Land Utilization statistics), Population Census, National Sample Survey; Organization.

Text Book Recommended :

Bureau's Higher Secondary (+2) Statistics, Part - I, Published by Odisha State Bureau of Text Book Preparation and Production, Bhubaneswar

QUESTION PATTERN AND DISTRIBUTION OF MARKS
STATISTICS (THEORY)

+ 2, 1st Year Arts (For College Level Exam)

Full Mark : 70

Time : 3 Hrs.

Group-A (Objective Type)

Q. 1 Compulsory :

1×10 = 10 marks

Ten multiple choice answer type questions, each carrying one mark, covering all units.

Q. 2 Compulsory :

1×10 = 10 marks

Ten one word answer / very short answer / correct sentences / fill in the blank type questions, each carrying one mark, covering all units.

Group-B (Short Answer Type)

Q. 3 Short Answer Type Questions with alternatives :

2×10 = 20 marks

Twelve short answer type questions, each carrying two marks, covering all units, out of which ten are to be answered. (Some of the questions should be of reasoning type, answers of which are to be written in two or three sentences)

Q. 4 Short Answer Type Questions with alternatives :

3×3 = 9 marks

Five short answer type questions (answers of which will be within six sentences), each carrying three mark, covering all units, out of which three are to be.

Group-C (Long Answer Type) :

Q.5 to Q.7 :

7×3 = 21 marks

Six long answer type questions, each carrying seven mark, covering all units, out of which three are to be answered unit wise.

STATISTICS (PRACTICAL)

+ 2, 1st Year Arts

(Detailed Syllabus)

Graphical representation of data-Histogram, frequency polygon and cumulative frequency curve, Bar diagram, pie diagram, Arithmetic mean, median, Mode, G.M and Harmonic mean, partition values, standard deviation, mean absolute deviation, coefficient of variation, moments, skewness & kurtosis.

QUESTION PATTERN AND DISTRIBUTION OF MARKS

STATISTICS (PRACTICAL)

+ 2, 1st Year Arts (For College Level Exam)

Full Mark : 30

Time : 3 Hrs

- 1) Solution of Problems : 24 Marks
- 2) Viva Voce : 3 Marks
- 3) Record : 3 Marks

STATISTICS (THEORY)

+ 2, 2nd Year Arts
(Detailed syllabus)

No. of Periods: Yearly-80

Unit – I : TIME SERIES

(20 periods)

Definition, uses and components of time series, measurement of trend : Freehand, semi-average, moving average and least squares methods, Measurement of Seasonal fluctuations: simple averages, Ratio to trend, Ratio to moving average and link relatives methods.

Unit – II : Index Number

(30 Periods)

Need, meaning & uses of index number, important steps in the construction of Index Number. Problems in selection of items, base year, average and system of weighting. Weighted index number, Laspeyre's, Paasche's and Fisher's ideal index numbers. Time Reversal, Factor Reversal and circular tests, Base shifting, splicing and Deflating of index number, Cost of living index numbers-construction & uses.

Unit – III :

(30 Periods)

- a) Bivariate frequency distribution, simple correlation, Rank correlation (including ties), linear regression, Regression co-efficients and their properties.
Probability Distributions : Binomial and Poisson distributions with properties and applications (computation of mean and variance only)
- b) Normal probability distribution, its properties and applications (mathematical proof excluded), Elementary ideas on testing of hypothesis, large samples tests based on normal distribution (mean, variance and proportion).

Text Book Recommended :

Bureau's Higher Secondary (+2) Statistics, Part - II, Published by Odisha State Bureau of Text Book Preparation and Production, Bhubaneswar

QUESTION PATTERN AND DISTRIBUTION OF MARKS STATISTICS (THEORY)

+ 2, 2nd Year Arts (For H.S. Exam - 2015)

Full Mark : 70

Time : 3 Hrs.

Group-A (Objective Type)

Q. 1 Compulsory :

1×10 = 10 marks

Ten multiple choice answer type questions, each carrying one mark, covering all units.

Q. 2 Compulsory :

1×10 = 10 marks

Ten one word answer / very short answer / correct sentences / fill in the blank type questions, each carrying one mark, covering all units.

Group-B (Short Answer Type)

Q. 3 Short Answer Type Questions with alternatives :

2×10 = 20 marks

Twelve short answer type questions, each carrying two marks, covering all units, out of which ten are to be answered. (Some of the questions should be of reasoning type, answers of which are to be written in two or three sentences)

Q. 4 Short Answer Type Questions with alternatives :

3×3 = 9 marks

Five short answer type questions (answers of which will be within six sentences), each carrying three mark, covering all units, out of which three are to be.

Group-C (Long Answer Type):

Q.5 to Q.7 :

7×3 = 21 marks

Six long answer type questions, each carrying seven mark, covering all units, out of which three are to be answered unit wise.

STATISTICS (PRACTICAL)
+ 2, 2nd Year Arts
(Detailed Syllabus)

Measurement of trend by moving averages and by least square (straight line only) method. Measurement of seasonal fluctuations (simple average, Ratio to moving averages, Ratio to trend and link relative methods)

Computation of index numbers by weighted average of price relatives : Laspeyre's, Paasche's and Fisher's formula; coefficient of correlation, coefficient Regression co-efficients and regression lines.

N.B. Uniformly the practical records should be maintained in blue/black ink/ball pen by the students.

Book recommended :

Bureau's Higher Secondary (+2) Statistics, Part-II Published by Odisha State Bureau of Textbook Preparation and production, Bhubaneswar.

QUESTION PATTERN AND DISTRIBUTION OF MARKS

STATISTICS (PRACTICAL)

+ 2, 2nd Year Arts (For H.S. Exam - 2015)

Full Mark : 30

Time : 3 Hrs

- 1) Solution of Problems – 24 Marks
- 2) Viva : 3 Marks
- 3) Record : 3 Marks

MATHEMATICS

+ 2, 1st Year Arts

(Detailed Syllabus)

No. of Periods: Yearly-100

Unit-I

25 periods

(A) Logic: (6 periods)

Statements, negation, conjunction, disjunction, conditional, biconditional and their truth tables.
Tautology and equivalence of statements, implications and double implications.
Converse, Inverse, Contrapositive.
Different methods of proof with emphasis on method of mathematical induction.

(B) Sets : (3 periods)

Proofs of commutative, associative and distributive properties of set union and intersection, Difference and symmetric difference of sets.

De Morgan's laws.

Cardinality of sets, similar sets, cartesian product of sets, cartesian plane and its representation by $\mathbb{R} \times \mathbb{R}$.
Representation of 3-dimensional space by $\mathbb{R} \times \mathbb{R} \times \mathbb{R}$.

(C) Real number system and Inequalities : (6 periods)

Natural numbers and Integers, Arithmetic of Integers, Prime numbers, Rational and Irrational numbers, Real numbers, Algebraic properties of real numbers, ordering in \mathbb{R} , Absolute value, Triangle inequality, $AM \geq GM$, Inequality (simple cases).

Solution of linear inequation in one variable.

(D) Quadratic Polynomials : (4 periods)

- (i) Roots of quadratic polynomial, factorisation of quadratic polynomial.
- (ii) Maximum and minimum values of quadratic polynomial for all real values of the variable.
- (iii) Sign of quadratic polynomial for real values of the variable.
- (iv) Solution of quadratic inequations.
- (v) Graph of Quadratic polynomial of the form $ax^2 + bx + c = 0, a \neq 0 \in \mathbb{R}$.

(E) Complex number system : (6 periods)

- (i) Complex number and their algebraic properties, Argand plane and geometrical representation of complex numbers, modulus, argument and conjugate of complex numbers. Triangle inequality.
- (ii) Square roots of a complex number, cube roots of unity and their properties.
- (iii) Statement and proof of De-Moivre's theorem for integral index : Statement for rational index and its application.

Unit-II

(25 periods)

(A) Relation (6 periods)

- (i) Definition, domain and range of a relation, inverse of a relation, types of relation.
- (ii) Relation in a set, equivalence relation, congruence modulo relation on the set of integers. (iii) Equivalence classes and partition of a set through examples only.

(B) Function : (6 periods)

- (i) Definition, domain, range of a function, injective, surjective and bijective functions.
- (ii) Equality of functions, composition of functions, inverse of a function, odd and even functions,
- (iii) Real valued function of a real variable.
- (iv) Domain, range and graph of the following functions with simple properties, trigonometric and inverse trigonometric functions,
 $a^x, \log_a x$ for $a > 1$ and $0 < a < 1$, $e^x, \ln x, |x|, [x], \text{sgn}(x)$.

C. Limit and continuity : (7 periods)

Limit of function (ϵ - δ definition only), left-hand limit, right hand limit, infinite limit, limit at infinity, Algebra of limits (without proof), continuity, limits and continuity of trigonometric functions, $a^x, \log_a x$ and composite functions. (Details of proof for continuity, of $a^x, \log_a x$ and composite functions excluded)

D. Differentiation :(6 periods)

Derivatives, its geometrical and physical meaning, algebra of derivatives, derivatives of algebraic polynomial and trigonometric functions from first principle, relation between continuity and differentiability.

Unit-III**(25 periods)****A. Trigonometry : (11 periods)**

- (i) Periodicity of trigonometric functions.
- (ii) Trigonometric ratios of compound, multiple and sub multiple angles and standard trigonometric formulae.
- (iii) Trigonometric equations and their general solutions,
- (iv) Properties of triangles,
- (v) Inverse trigonometric functions.

B. Sequence and series :(6 periods)

- (i) Definition of sequence and series.
- (ii) Infinite geometric series, Arithmetico-geometric series.
- (iii) Exponential and logarithmic series.

C. Statistics : (4 periods)

Measures of dispersion, mean deviation, standard deviation and variance, co-efficient of variation, co-efficient of correlation.

D. Number system : (4 periods)

- (i) Decimal, binary, octal and hexadecimal number systems,
- (ii) Conversion of a number from one system to the other,
- (iii) Binary arithmetic.

Unit-IV : Co-ordinate Geometry of two Dimensions.**(25 Periods)****A. Straight line : (11 periods)**

Rectangular co-ordinate system, distance and division formula, Area of a triangle, slope of a line, Angle between lines.

Locus of an equation and equation of a locus.

Equation of a straight line in different forms. Reduction of the general form to different forms.

Distance of a point from a line. Condition for concurrency of three straight lines. Family of straight lines, equation of bisectors of angles between two straight lines, Pair of straight lines of the forms :

$$ax^2 + 2hxy + by^2 = 0 \text{ and } ax^2 + 2hxy + by^2 + 2gx + 2fy + c = 0.$$

Angle between the pair of straight lines. Change of axes (translation only).

B. Circle : (6 periods)

Definition and equation of a circle. Tangent and Normal to a circle. Condition of tangency. System of circles, (Angle between two circles and condition of orthogonality) Equation of a circle in parametric form.

C. Conic Section : (8 periods)

Standard cartesian form of equation of parabola, ellipse and hyperbola, and their equations in parametric form. Equations of tangents and normals. Condition of tangency, rectangular and conjugate hyperbolas.

Books Recommended :

Elements of Mathematics : Vol - I & II

Published by Odisha State Bureau of Textbook Preparation and Production.

QUESTION PATTERN AND DISTRIBUTION OF MARKS
MATHEMATICS

+ 2, 1st Year Arts (For College Level Exam)

Full Mark : 100

Time : 3 Hrs

Group – A (Objective Type)

Q1. 10 Objective type questions carrying 1 mark each : (1 × 10 = 10 Marks)
Covering all units

Group – B (Short Answer Type)

Q2 to Q.5. Out of 30 questions one has to answer 20 questions : (3 × 20 = 60 Marks)
(Unit – I – 5 Question out of 7)
(Unit – II – 5 question out of 7)
(Unit – III – 5 questions out of 8)
(Unit – IV – 5 question out of 8)

Group – C (Long Answer Type)

Q.6 to Q.9 Four long answer type questions with alternatives : (7 ½ × 4 = 30 marks)
(Unit - I - 1 question out of 2)
(Unit - II - 1 question out of 2)
(Unit - III - 1 question out of 3)
(Unit - IV - 1 question out of 3)

MATHEMATICS

+ 2, 2nd Year Arts
(Detailed syllabus)

No. of Perods:Yearly-100

Unit-I

25 periods

(A) Differential Calculus : (12 periods)

Derivatives of composite functions (chain rule), Inverse trigonometric functions, Implicit functions, exponential and logarithmic functions, Logarithmic differentiations, Derivatives of functions represented by parametric forms, successive differentiation. Leibnitz theorem (Statement only) & its application is problems. Partial derivatives, Euler's theorem (without proof) and its simple applications.

(B) Applications of Derivatives : (13 periods)

Rate of change, Increasing and decreasing functions, tangents and normals, approximations, maxima and minima (simple problem), Rolle's theorem, Lagrange's and Cauchy's Mean value Theorem (without proof) Geometrical interpretations of Rolle's and Lagrange's theorem and their simple applications, Indeterminate forms, L Hospital's rule (without proof) and its applications.

Unit-II

(25 periods)

A. Integral Calculus (10 periods)

Anti derivatives, Indefinite integrals, Standard integration formulae, algebra of integrals, Integration by method of substitution, by parts, by partial fractions and integration of rational and irrational algebraic functions and trigonometric functions. Definite-integral, fundamental theorem of integral calculus (Statement only), Elementary properties of definite integrals, Walli's formula. Evaluation of areas of plane regions bounded by simple curves using definite integral.

B. Differential Equations : (6 periods)

Definition, order, degree, general and particular solutions of a differential equation, formation of differential equation. Solutions of differential equations by method of separation of variables, homogeneous differential equations of first order and first degree, linear differential equations of the form.

$$\frac{dy}{dx} + p(x)y = |q(x)| \text{ Solutions of differential equations of the form } \frac{d^2y}{dx^2} = f(x)$$

Unit-III :

(25

periods)

A. Vectors : (8 periods)

Vectors and scalars, Types of vectors, algebra of vectors, position vector of a point. Resolution of a vector into components.

Scalar (dot) product of two vectors and its geometrical meaning, Commutative and distributive properties of dot product, vector (cross) product and its geometrical meaning, properties of vector product (without-proof)

Scalar triple product and vector triple product with simple applications.

B. Three Dimensional Geometry (10 periods)

Co-ordinate axes and co-ordinate planes, co-ordinates of a point, distance between two points, division formula. Direction cosines and direction ratios of a line.

Projection of line segment on another line, Angle between two lines.

Definition of a plane and its equations in different forms. Transformation of the general form to normal form. Angle between two planes, Distance of a point from a plane, System of planes.

Equation of a plane bisecting the angle between two planes. Symmetrical and un-symmetrical form of equation of a line and transformation of unsymmetrical form to symmetrical form. Condition of co planarity of two lines, Angle between a line and a plane, Distance of a point- from a line.

Definition and equation of a sphere in standard form. Sphere through four non-coplanar points.

Equation of a sphere when end points of a diameter are given.

C. Linear Programming (7 periods)

Introduction to Linear Programming Problem (LPP), Graphical solution of system of linear equations

in two variables. (upto three constraints)

Unit-IV

(25 periods)

A. Determinants and Matrices : (9 periods)

Determinants upto order three, Minors and Co-factors, properties of determinants, Cramer's rule.
Matrices, Algebra of matrices, transpose and inverse of a matrix, solution of system of linear equations in two or three variables by matrix inversion method.

B. Permutation, Combination and Binomial Theorem : (8 periods)

Counting principle, Permutations and combinations (with and without repetition)
Statement of Binomial theorem for any rational index and proof of this theorem for positive integral index and identities involving binomial co-efficients.

C. Probability : (8 periods)

Basic concepts of probability
Conditional probability and independence
Compound events
Random variable and probability Distribution (Binomial distribution only)

Books Prescribed :

Elements of Mathematics : Vol - I & II
Published by Odisha State Bureau of Textbook Preparation and Production.

**QUESTION PATTERN AND DISTRIBUTION OF MARKS
MATHEMATICS**

+ 2, 2nd Year Arts (For H.S. Exam - 2015)

Full Mark : 100

Time : 3 Hrs

Group – A (Objective Type)

- Q1. 10 Objective type questions carrying 1 mark each : (1 × 10 = 10 Marks)
(Diff. Calculus , Integral calculus, Application of derivatives, Differential equation, vectors, Det & Matrix, Permutation and combinations & Probability : 1 questions from each chapter
Three dimensional geometry : 2 questions)

Group – B (Short Answer Type)

- Q2 to Q.5. Out of 30 questions one has to answer 20 questions : (3 × 20 = 60 Marks)
(Unit – I – 5 Question out of 7)
(Unit – II – 5 question out of 7)
(Unit – III – 5 questions out of 8)
(Unit – IV – 5 question out of 8)

Group – C (Long Answer Type)

- Q.6 to Q.9 Four long answer type questions with alternatives : (7 ½ × 4 = 30 marks)
(Unit - I - 1 question out of 2)
(Unit - II - 1 question out of 2)
(Unit - III - 1 question out of 3)
(Unit - IV - 1 question out of 3)

SOCIOLOGY

+2 1st year Arts
(Detailed Syllabus)

No.of periods:yearly:80

Unit-I :

Introducing Sociology(16 periods)

- Emergence, Meaning, Nature and Scope
- Relationship of Sociology with social sciences : Political Science, History, Economics, Psychology and Anthropology

Unit –II

Basic Concepts (16 periods)

- . –.
- Society: Meaning and Characteristics
- . Community - Meaning and Characteristics
- . Association - Meaning and Characteristics
- . Institution - Meaning and Characteristics
- . Social Group - Meaning and Characteristics
- . Culture - Meaning and Characteristics

Unit – III

Social Institutions (16 periods)

- . Family – Meaning, Characteristics, Types and Functions
- . Kinship – Meaning and Types
- . Religion – Meaning, Functions and Dysfunctions
- . Education –Meaning and Functions

Unit – IV

Social Stratification and Processes (16 periods)

- . Social Stratification: Meaning, Characteristics, Caste, Class and Gender
- . Social Processes: Co-operation, Competition and Conflict

Unit – V

Environment and Social Change (16 periods)

- .Environment: Meaning, Impact on Society, Crisis and Responses
- . Social Change : Meaning and Factors – Biological, Cultural and Technological

QUESTION PATTERN AND DISTRIBUTION OF MARKS
SOCIOLOGY

+ 2, 1st Year Arts (For college level Exam)

Full Marks:100

Time:3 hrs

Group – A (Objective Type – Compulsory)

Q.1 Multiple choice (15 bits from all units) 1 mark each x 15 =15 marks

Q.2 One word answer / Very short answer/
correct the sentence / filling up the blanks 1 mark each x 15=15 marks

Group B (Short Answer Type)

Q.3 Answer within Two/three sentences 2 marks each x 11 =22 marks
(out of 14 bits, one has to answer 11 bits)

Q4. Answer within six sentences 3 marks each x 6 = 18 marks
(Out of eight bits, one has to answer six bits)

Group C(Long Answer type)

Q5. to Out of six Questions from all units, one has to 7.5 marks each x 4 = 30 marks
Q.10 answer 4 questions.

SOCIOLOGY
+2, 2nd year Arts
(Detailed syllabus)

No. of periods:yearly:80

Unit – I

Introducing Indian Society(16 periods)

- .Colonialism, Nationalism
- .National Integration: Concept and Problems – Communalism, Terrorism, Casteism and Regionalism

Unit – II

Social Institutions: Continuity and Change (16 periods)

- . Hindu Joint Family: Meaning, Characteristics, Functions, Dysfunctions, Recent Changes
- . Hindu Marriage: Meaning, Aims, Traditional Forms, Hindu Marriage Act, 1955, Recent Changes
- . Women Empowerment: Meaning, Types – Economic, Political, Social, Legal
- . Muslim Marriage: Conditions and Types
- . Tribe: Meaning, Characteristics and Ways of acquiring mates

Unit– III

Demographic Structure and Indian Society (16 periods)

- . Village Community – Meaning and characteristics,
Rural – Urban Linkages and Divisions

Unit – IV

Pattern of Social Inequality and Exclusion (16 periods)

- . Caste and Social Inequality
- . Class and Social Inequality
- .Marginalized Classes: Scheduled Castes, Scheduled Tribes, Constitutional Safeguards

Unit – V

Processes of Social Change in India (16 periods)

- . Sanskritisation – Meaning, Characteristics and Impact
- . Westernisation – Meaning, Characteristics and Impact
- . Urbanisation – Meaning, Characteristics and Impact
- . Globalisation – Meaning, Characteristics and Impact

QUESTION PATTERN AND DISTRIBUTION OF MARKS
SOCIOLOGY

+ 2, 2nd Year Arts (For H.S. Exam - 2015)

Full Marks:100

Time:3 hrs

Group – A (Objective Type – Compulsory)

Q.1 Multiple choice (15 bits from all units) 1 mark each x 15 =15 marks

Q.2 One word answer / Very short answer/
correct the sentence / filling up the blanks 1 mark each x 15=15 marks

Group B (Short Answer Type)

Q.3 Answer within Two/three sentences 2 marks each x 11 =22 marks
(out of 14 bits, one has to answer 11 bits)

Q4. Answer within six sentences 3 marks each x 6 = 18 marks
(Out of eight bits, one has to answer six bits)

Group C(Long Answer type)

Q5. to Out of six Questions from all units, one has to 7.5 marks each x 4 = 30 marks
Q.10 answer 4 questions.

GEOGRAPHY (THEORY)

+ 2, 1st Year Arts

(Detailed syllabus)

No. of Periods: Yearly-80

Unit-I : Nature of Geography and Lithosphere:

30 Periods

- 1 Meaning and scope of Geography, Branches of Geography
- 2 Origin and evolution of the Earth: Nebular, Tidal, Big-Bang hypothesis.
- 3 Interior of the Earth
- 4 Earthquakes and volcanoes
- 5 Major types of Rocks and their characteristics
- 6 Major types of Soils and their world distribution
- 7 Weathering and erosion
- 8 Works of River, Wind and Glacier.

Unit-II : Hydrosphere and Biosphere:

20 Periods

- 1 General relief of the Ocean floor
- 2 Distribution of Temperature and salinity of Ocean water
- 3 Movement of Ocean water- Tides and Currents (Atlantic & Indian)
- 4 Environment- Types and Conservation, Man-Environment Relationship, Bio-Sphere- Concept, importance of Plants and Animals in the Biosphere.

Unit-III : Regional Geography of Odisha:

30 Periods

- 1 Physiography, Climate and Natural Vegetation
- 2 Agriculture: Problems and Prospects
- 3 Industry: Iron and Steel, Aluminium
- 4 Population: Distribution and Density
- 5 Transportation - Land Water & Air

Books Prescribed :

Higher Secondary Geography, Part – I ବୁଧରୋ ଉଚ୍ଚ ମାଧ୍ୟମିକ (+ ୨) ଭୂଗୋଳ ପ୍ରଥମ ଭାଗ

Published by Odisha State Bureau of Text Book Preparation & Production, Bhubaneswar

QUESTION PATTERN AND DISTRIBUTION OF MARKS

GEOGRAPHY (THEORY)

+ 2, 1st Year Arts (For College Level Exam)

Full Mark : 70

Time : 3 Hrs.

Group-A (Objective Type)

Q. 1 Compulsory :

1×10 = 10 marks

Ten multiple choice answer type questions, each carrying one mark, covering all units.

Q. 2 Compulsory :

1×10 = 10 marks

Ten one word answer / very short answer / correct sentences / fill in the blank type questions, each carrying one mark, covering all units.

Group-B (Short Answer Type)

Q. 3 Short Answer Type Questions with alternatives :

2×10 = 20 marks

Twelve short answer type questions, each carrying two marks, covering all units, out of which ten are to be answered. (Some of the questions should be of reasoning type, answers of which are to be written in two or three sentences)

Q. 4 Short Answer Type Questions with alternatives :

3×3 = 9 marks

Five short answer type questions (answers of which will be within six sentences), each carrying three mark, covering all units, out of which three are to be.

Group-C (Long Answer Type Questions with alternatives):

Q.5 to Q.7 :

7×3 = 21 marks

Six long answer type questions, each carrying seven mark, covering all units, out of which three are to be answered unit wise.

GEOGRAPHY (PRACTICAL)
+ 2, 1st Year Arts
(Detailed Syllabus)

Unit-I : Fundamentals of Maps:

- 1 Maps- Types, Scale- Types- Construction of Linear And Diagonal Scale
- 2 Drawing of parallels of latitudes and meridian of longitudes
- 3 Contour and cross-section: Hill, Waterfall, Plateau, Col, 'V'-shaped valley
- 4 Identification of topographical symbols and weather symbols
- 5 Function and use of Meteorological Instruments

QUESTION PATTERN AND DISTRIBUTION OF MARKS
GEOGRAPHY(PRACTICAL)

+ 2, 1st Year Arts (For College Level Exam)

Full Mark : 30

Time : 3 Hrs.

- | | | | |
|----|-------------|---|----------|
| 1. | Experiment | - | 20 Marks |
| 2. | Viva – Voce | - | 5 Marks |
| 3. | Record | - | 5 Marks |

GEOGRAPHY (THEORY)

+ 2, 2nd Year Arts
(Detailed Syllabus)

No. of Periods: Yearly-80

Unit-I : Atmosphere:

20 Periods

- 1 Atmosphere –Composition and Structure
- 2 Elements and factors of Weather and Climate
- 3 Insolation, Temperature- Horizontal and Vertical Distribution
- 4 Atmospheric Pressure and Pressure belts, Winds- Planetary, Periodical and local
- 5 Humidity- Evaporation, Condensation and Precipitation, Types of Rainfall.

Unit-II : Resource and Human Geography:

30 Periods

- 1 Resource: Concept of Resource, Types of Resource and Conservation of Natural Resource, Resource Development
- 2 Human Activities:
 - a. Primary: Agriculture and allied activities,
Types of Agriculture: Subsistence and Commercial
 - b. Secondary: Manufacturing Industries; Types-
Household, Small Scale, Large Scale (Iron and Steel)
 - c. Tertiary: Transport and Communication(Roads & Railways)
- 3 Distribution of Population and Factors influencing pattern of distribution
- 4 Settlements: Types and Factors influencing growth and development of settlements.

Unit-III : Regional Geography of India:

30 Periods

- 1 Physiography
- 2 Drainage
- 3 Climate
- 4 Natural Vegetation
- 5 Soils
- 6 Population: Distribution and Density
- 7 Agriculture: Distribution of Rice and Wheat
- 8 Industry: Distribution of Iron and Steel Industries
- 9 Transport: Road and Railway Network.

Books Prescribed :

Higher Secondary Geography, Part – II, ବୁଧିଭରା ଉଚ୍ଚ ମାଧ୍ୟମିକ (+୨) ଭୂଗୋଳ ଦ୍ୱିତୀୟ ଭାଗ
Published by Odisha State Bureau of Text Book Preparation & Production, Bhubaneswar

QUESTION PATTERN AND DISTRIBUTION OF MARKS
GEOGRAPHY (THEORY)

+ 2, 2nd Year Arts (For H.S. Exam - 2015)

Full Mark : 70

Time : 3 Hrs.

Group-A (Objective Type)

Q. 1 Compulsory : **1×10 = 10 marks**
Ten multiple choice answer type questions, each carrying one mark, covering all units.

Q. 2 Compulsory : **1×10 = 10 marks**
Ten one word answer / very short answer / correct sentences / fill in the blank type questions, each carrying one mark, covering all units.

Group-B (Short Answer Type)

Q. 3 Short Answer Type Questions with alternatives : **2×10 = 20 marks**
Twelve short answer type questions, each carrying two marks, covering all units, out of which ten are to be answered. (Some of the questions should be of reasoning type, answers of which are to be written in two or three sentences)

Q. 4 Short Answer Type Questions with alternatives : **3×3 = 9 marks**
Five short answer type questions (answers of which will be within six sentences), each carrying three mark, covering all units, out of which three are to be.

Group-C (Long Answer Type):

Q.5 to Q.7 : **7×3 = 21 marks**
Six long answer type questions, each carrying seven mark, covering all units, out of which three are to be answered unit wise.

GEOGRAPHY (PRACTICAL)
+ 2, 2nd Year Arts
(Detailed Syllabus)

Unit-I

- 1 Map Projection- Construction of Simple Cylindrical, Cylindrical equal-area, Simple conical with one standard parallel, Gnomonic, Stereographic (Polar Case) Projections
- 2 Computation of Mean, Median and Mode (Grouped and Ungrouped data)
- 3 Construction of Vertical Bar, Horizontal Bar and Wheel Diagram

Unit-II : Chain and Tape Survey

QUESTION PATTERN AND DISTRIBUTION OF MARKS
GEOGRAPHY (PRACTICAL)

+ 2, 2nd Year Arts (For H.S. Exam - 2015)

Full Mark : 30

Time : 3 Hrs.

- | | | | |
|----|-------------|---|----------|
| 1. | Experiment | - | 20 Marks |
| 2. | Viva – Voce | - | 5 Marks |
| 3. | Record | - | 5 Marks |

EDUCATION (THEORY)

+2,1st year Arts
(Detailed syllabus)

No. of periods: yearly:80

Unit – I :Fundamentals of Education - (20 periods)

A – Meaning and Aims of Education: Individual and Social.

B – Agencies of Education: Meaning and types, Formal, Informal, Non-formal, Active and Passive. Role of Home, School, Community and Mass media as Agencies of Education.

Unit – II :Educational Psychology - (20 Periods)

A – Meaning, nature and scope of Educational Psychology.

Importance of Educational Psychology for the teacher.

B – Growth and Development: Meaning, General Principles of Growth and Development. Growth and Development during Infancy and Childhood –Physical, Intellectual, Social and Emotional.

Unit – III :School Organisation and Curriculum - (20 periods)

A – Administrative structure of School Education in Orissa.

B – Curriculum: Meaning, Principles and Approaches – Child centered, Activity centered and Experience centered.

Unit – IV :Methods of Teaching - (20 periods)

(Anyone of the following method subjects)

(English, Oriya, Mathematics, General science, History and Geography)

A – Aims and objectives, B – Different methods of teaching applicable for primary level.

QUESTION PATTERN AND DISTRIBUTION OF MARKS

EDUCATION (THEORY)

+ 2, 1st Year Arts (For college level Exam)

Full Mark : 70

Time : 3 Hrs.

Group-A (Objective Type)

Q. 1 Compulsory :

1×10 = 10 marks

Ten multiple choice answer type questions, each carrying one mark, covering all units.

Q. 2 Compulsory :

1×10 = 10 marks

Ten one word answer / very short answer / correct sentences / fill in the blank type questions, each carrying one mark, covering all units.

Group-B (Short Answer Type)

Q. 3 Short Answer Type Questions with alternatives :

2×10 = 20 marks

Twelve short answer type questions, each carrying two marks, covering all units, out of which ten are to be answered. (Some of the questions should be of reasoning type, answers of which are to be written in two or three sentences)

Q. 4 Short Answer Type Questions with alternatives :

3×3 = 9 marks

Five short answer type questions (answers of which will be within six sentences), each carrying three mark, covering all units, out of which three are to be.

Group-C (Long Answer Type):

Q.5 to Q.7 :

7×3 = 21 marks

Six long answer type questions, each carrying seven mark, covering all units, out of which three are to be answered unit wise.

EDUCATION (PRACTICAL)
+2,1st year Arts
(Detailed syllabus)

A – Preparation of five lesson plans in the concerned method subject.

B – Preparation of objective type of question, 5 each, pertaining to Knowledge, Understanding and Application objectives on a particular topic of the concerned method.

QUESTION PATTERN AND DISTRIBUTION OF MARKS
EDUCATION (PRACTICAL)

+ 2, 1st Year Arts (For college level Exam)

Full marks:30

Time:3hrs

(i)	Performance in Classroom Teaching	-	15 marks
(ii)	Use of Teaching Aids	-	10 marks
(iii)	Practice Teaching Record	-	05 marks

Books Recommended:

1. Bureau's Higher Secondary (+2) Education part –I
2. ବ୍ୟୁତ୍ତର ଉଚ୍ଚ ମାଧ୍ୟମିକ (+୨) ଶିକ୍ଷା ପ୍ରଥମ ଭାଗ
3. Sikshyaniti Prabesh By Sri Mohan Charan Nayak

Published by Odisha State Bureau of Textbook Preparation and Production, Bhubaneswar.

**EDUCATION
(THEORY)
+2, 2nd year Arts
(Detailed syllabus)**

No. of periods: yearly:80

Unit – I :Problems of School Education - (20 periods)

- (a) Universalisation of Education (Elementary)
- (b) Education for National Integration.
- (c) Environmental Education: Concept and Objectives.
- (d) Value Education : Concept, Types and relevance.

Unit – II :Contribution of Educators - (20 periods)

- (a) Mahatma Gandhi
- (b) Pandit Gopabandhu Dash
- (c) Rousseau

Unit – III

A- Learning Process – (20 periods)

- (a) Concept and Nature of Learning, Factors influencing learning.
- (b) Theories of Learning: Trial and Error, Classical Conditioning and Insightful Learning.

B- Motivation in learning – Meaning, Types and Techniques of Motivation. Unit

Unit– IV

A - Elementary Educational Statistics - (10 periods)

- (i) Importance of Educational Statistics, Frequency Distribution.
- (ii) Measures of Central Tendency –Mean, Median and Mode.

B - Information Technology in Education : - Concept, Application in Teaching & Evaluation. Merits and Demerits.(10 periods)

**QUESTION PATTERN AND DISTRIBUTION OF MARKS
EDUCATION (THEORY)**

+ 2, 2nd Year Arts (For H.S. Exam - 2015)

Full Mark : 70

Time : 3 Hrs.

Group-A (Objective Type)

Q. 1 Compulsory :

1×10 = 10 marks

Ten multiple choice answer type questions, each carrying one mark, covering all units.

Q. 2 Compulsory :

1×10 = 10 marks

Ten one word answer / very short answer / correct sentences / fill in the blank type questions, each carrying one mark, covering all units.

Group-B (Short Answer Type)

Q. 3 Short Answer Type Questions with alternatives :

2×10 = 20 marks

Twelve short answer type questions, each carrying two marks, covering all units, out of which ten are to be answered. (Some of the questions should be of reasoning type, answers of which are to be written in two or three sentences)

Q. 4 Short Answer Type Questions with alternatives :

3×3 = 9 marks

Five short answer type questions (answers of which will be within six sentences), each carrying three mark, covering all units, out of which three are to be.

Group-C (Long Answer Type):

Q.5 to Q.7 :

7×3 = 21 marks

Six long answer type questions, each carrying seven mark, covering all units, out of which three are to be answered unit wise.

EDUCATION(PRACTICAL)
+2, 2nd year Arts
(Detailed syllabus)

- (a) Preparation of lesson Plans and delivery of 5 lessons in real class room situations.
(b) Improvisation of at least five teaching aids pertaining to five lessons to be delivered.

QUESTION PATTERN AND DISTRIBUTION OF MARKS
EDUCATION (PRACTICAL)

+ 2, 2nd Year Arts (For H.S. Exam - 2015)

Full marks:30

Time:3hrs

- | | | | |
|-------|-----------------------------------|---|----------|
| (i) | Performance in Classroom Teaching | - | 15 marks |
| (ii) | Use of Teaching Aids | - | 10 marks |
| (iii) | Practice Teaching Record | - | 05 marks |

Books Recommended :

1. Bureau's Higher Secondary (+2) Education part –II
2. ବ୍ୟବହାରୀ ଉଚ୍ଚ ମାଧ୍ୟମିକ (+୨) ଶିକ୍ଷା ଦ୍ୱିତୀୟ ଭାଗ
3. Educational Measurement in (Odia) By Sri Sarbeswar Samal
Published by Odisha State Bureau of Textbook Preparation and Production, Bhubaneswar.

ANTHROPOLOGY

(THEORY)
+2 1st year Arts
(Detailed syllabus)

No. of periods: yearly:80

UNIT- I (30 periods)

- Definition and scope of Anthropology, Major branches of Anthropology, Inter relationship with other disciplines, (Sociology, Psychology, History, Economics, Political science , Geology)
- Definition and scope of prehistoric Archeology, Geological Time Scale, Dating Techniques: Relative Dating - Stratigraphy, Glacial Verves, River Terrace, Typology, State of Preservation

Absolute Dating – Radio carbon , Dendrochronology, Polynology

Tool Types : Chopper, Chopping Tool, Cleaver, Hand axePoint, Scraper, Blade, Microliths, Axe, Adze

Bone Tools : Needle, Harpoon, Fish Look, Arrow straightners, Lancets, Dart Thrower.

Tool Techniques : Block-on-Block Technique, Stone Hammer Techniques, Cylinder Hammer Technique, Pressure Flaking Techniques, Grinding and Polishing Techniques

UNIT-II (30 periods)

- Primitive Religion : Definition & Functions of Religion, Theories of Religion Animism and Animatism
Magical Practices : Sorcery and Witch Craft,
Magic Religious functionaries : Shaman and priest
Comparesion of Magic , religion and science
- Social stratification : Class, Caste and Varna, Criteria of Class Distinctions
Caste System in India Features and Functions changes in caste system in modern in India.
- Primitive law and Political organization , Definition of Law, Supernatural Legal Devices – Divination, Conditional Curse, Ordeal and Oath.
- Political Organization in primitive society : Uncentralized socio political system- Band and Trbes
Centralized socio political system – chiefdom and state

UNIT-III (20 periods)

Definition and scope of physical anthropology Branches of physical Anthropology. Man's place in the Animal Kingdom, Anatomical differences between Ape and Man. Structure and Function of Animal cell, Cell Division – Mitosis & Meiosis.

QUESTION PATTERN AND DISTRIBUTION OF MARKS

ANTHROPOLOGY(THEORY)

+ 2, 1st Year Arts (For college level Exam)

Full Mark : 70

Time : 3 Hrs.

Group-A (Objective Type)

Q. 1 Compulsory : **1×10 = 10 marks**

Ten multiple choice answer type questions, each carrying one mark, covering all units.

Q. 2 Compulsory : **1×10 = 10 marks**

Ten one word answer / very short answer / correct sentences / fill in the blank type questions, each carrying one mark, covering all units.

Group-B (Short Answer Type)

Q. 3 Short Answer Type Questions with alternatives : **2×10 = 20 marks**

Twelve short answer type questions, each carrying two marks, covering all units, out of which ten are to be answered. (Some of the questions should be of reasoning type, answers of which are to be written in two or three sentences)

Q. 4 Short Answer Type Questions with alternatives : **3×3 = 9 marks**

Five short answer type questions (answers of which will be within six sentences), each carrying three mark, covering all units, out of which three are to be.

Group-C (Long Answer Type):

Q.5 to Q.7 : **7×3 = 21 marks**

Six long answer type questions, each carrying seven mark, covering all units, out of which three are to be answered unit wise.

ANTHROPOLOGY(PRACTICAL)

+2 1st year Arts
(Detailed syllabus)

- I) Drawing and description of the following lithic tools (Total Ten Tools)
- Paleolithic
 - Mesolithic
 - Neolithic
- II) a) Census- students are required to submit filled in household census schedule from five households
b) Museum Study – Students are required to visit any museum and write a report.

QUESTION PATTERN AND DISTRIBUTION OF MARKS ANTHROPOLOGY(PRACTICAL)

+ 2, 1st Year Arts (For college level Exam)

Full Marks : 30

Time : 3 Hrs.

- I) Drawing and description of the following lithic tools (Total Ten Tools) 10 marks
- Paleolithic
 - Mesolithic
 - Neolithic
- II) Census- students are required to submit filled in household census schedule from five households 10 Marks
- Or
- Museum Study – Students are required to visit any museum and write a report.
- III) Practical Record 5 Marks
- IV) Viva Voce 5 Marks

Books Prescribed : 1. ବୁଧରୋ ଉଚ୍ଚ ମାଧ୍ୟମିକ (+୨) ନୃତତ୍ତ୍ୱ ପ୍ରଥମ ଭାଗ

Published by : Odisha State Bureau of Text Book Preparation & Production, Bhubaneswar

- The old stone Age - M.C Bur Kitt
- An outline of Indian prehistory – D.K Bhattachaya
- An Introduction to Social Anthropology – DN Majumdar and T.N. Madan
- Anthropology – The Study of Man – Indrani Basu Roy
- Introducing Social and Cultural Anthropology – Hemendra Nath Banarjee
- Fundamentals of Physical Anthropology – R.M Sarkar
- Anthropology – Ember, Ember and Pregrine
- Anthropometry – Singh and Bhasin
- ବୁଧରୋ ଉଚ୍ଚ ମାଧ୍ୟମିକ (+୨) ବ୍ୟବହାରିକ ନୃତତ୍ତ୍ୱ

ANTHROPOLOGY

(THEORY)

+2, 2nd year Arts

(Detailed syllabus)

No. of periods: yearly:80

UNIT- I :SOCIAL ORGANISATION (30 periods)

- a) **Family** : Definition, Feature and Function. Types of Family – On the basis of structure on the basis of residence, on the basis of authority, on the basis of descent.
- b) **Marriage**: Definition Forms of marriage – monogary, polygamy (Polygyny and polyandry). Polygyny – Sororal and Non sororal, Polyandry – Fraternal, Non Fraternal, Familial, Polygynandry.
Marriage Rules – Exogamy and Endogamy, Hypergamy and Hypogamy, Levirate and sororate, cross cousin and parallel cousin marriage. Bride price and Dowry.
- c) **Kinship** – Definition category of Kins-Consagained and affinal, Degree of kinship, Primary secondary, tertiary, Kinship, Terminology – Classificatory and Descriptive, Descent and Rules of Descent
Descent Groups – Lineage, Clan, Phratry, Moiety Kinship Usages – Avoidance, Joking Relationship, Teknonymy, Avunculate , Antitrate and Couvade
- d) **Associations** – Definition, Non voluntary associations, age set, Unisex Associations or Youth Dormitory, Voluntary Associations – Ethnic Assocoiations, Secret Societies.

UNIT-II :PHYSICAL ANTHROPOLOGY (30 periods)

Study of Fossils, Australopithecine, Homo Erectus – Pithecanthropus Erectus and sinthropus pekinesis, Neanderthal man, Homo spein – Cromagnon Man.

Major Theories of organic Evolution – Lamarckism, Darwinism, Neo Darwinism.

UNIT-III :INDIAN PREHISTORY (20 periods)

Paleolithic culture of India , Mesolithic culture of India , Neolithic culture of India , , Indus Valley Civilization

QUESTION PATTERN AND DISTRIBUTION OF MARKS ANTHROPOLOGY(THEORY)

+ 2, 2nd Year Arts (For H S Exam-2015)

Full Mark : 70

Time : 3 Hrs.

Group-A (Objective Type)

Q. 1 Compulsory : **1×10 = 10 marks**
Ten multiple choice answer type questions, each carrying one mark, covering all units.

Q. 2 Compulsory : **1×10 = 10 marks**
Ten one word answer / very short answer / correct sentences / fill in the blank type questions, each carrying one mark, covering all units.

Group-B (Short Answer Type)

Q. 3 Short Answer Type Questions with alternatives : **2×10 = 20 marks**
Twelve short answer type questions, each carrying two marks, covering all units, out of which ten are to be answered. (Some of the questions should be of reasoning type, answers of which are to be written in two or three sentences)

Q. 4 Short Answer Type Questions with alternatives : **3×3 = 9 marks**
Five short answer type questions (answers of which will be within six sentences), each carrying three mark, covering all units, out of which three are to be.

Group-C (Long Answer Type):

Q.5 to Q.7 : **7×3 = 21 marks**
Six long answer type questions, each carrying seven mark, covering all units, out of which three are to be answered unit wise.

ANTHROPOLOGY(PRACTICAL)
+ 2, 2nd Year Arts (Detailed syllabus)

- I) a) Identification of ABO Blood Group of Ten Individuals
b) Craniometric Measurements of Fire skulls and Mandibles
 Maximum cranial Length
 Maximum cranial Breadth
 Minimum Frontal Breadth
 Basion Bregma Height
 Bigonial Breadth
- II) Somatometric Measurements on Five individuals
a) Maximum Head Length
b) Maximum Head Breadth
c) Bizygomatic Breadth
d) Morphological Facial height
e) Nasal Length
f) Nasal Breadth
- III) Osteometry
Drawing, Labelling description and identification of the following long bones
a) Humerus, Radius , Ulna
b) Femur, Tibia, Fibula
c) Human Skull & Mandible

QUESTION PATTERN AND DISTRIBUTION OF MARKS
ANTHROPOLOGY(PRACTICAL)

+ 2, 2nd Year Arts (For H S Exam-2015)

Full Mark : 30

Time : 3 Hrs

- I) Identification of ABO Blood Group of Ten Individuals 5 Marks
 OR
 Craniometric Measurements of Fire skulls and Mandibles
 a) Maximum cranial Length
 b) Maximum cranial Breadth
 c) Minimum Frontal Breadth
 d) Basion Bregma Height
 e) Bigonial Breadth
- II) Somatometric Measurements on Five individuals 5 Marks
d) Maximum Head Length
e) Maximum Head Breadth
f) Bizygomatic Breadth
g) Morphological Facial height
h) Nasal Length
i) Nasal Breadth
- III) Osteometry 10 Marks
Drawing, Labelling description and identification of the following long bones
a) Humerus, Radius , Ulna
b) Femur, Tibia, Fibula
c) Human Skull & Mandible

- IV) Practical Record 5 Marks
V) Viva Voce 5 Marks

1. Books Prescribed : ବୁକ୍ସ ପ୍ରେସ୍‌କ୍ରିବ୍ଡ : ଉତ୍କଳ ମାଧ୍ୟମିକ (+୨) ନୂତନ ଦ୍ଵିତୀୟ ଭାଗ

Published by : Odisha State Bureau of Text Book Preparation & Production, Bhubaneswar

2. The old stone Age - M.C Bur Kitt
11. An outline of Indian prehistory – D.K Bhattachaya
12. An Introduction to Social Anthropology – DN Majumdar and T.N. Madan
13. Anthropology – The Study of Man – Indrani Basu Roy
14. Introducing Social and Cultural Anthropology – Hemendra Nath Banarjee
15. Fundamentals of Physical Anthropology – R.M Sarkar
16. Anthropology – Ember, Ember and Prergrine
17. Anthropometry – Singh and Bhasin
18. ବୁକ୍ସ ପ୍ରେସ୍‌କ୍ରିବ୍ଡ : ଉତ୍କଳ ମାଧ୍ୟମିକ (+୨) ବ୍ୟବହାରିକ ନୂତନ

PSYCHOLOGY
(THEORY)
+2 1st year Arts
(Detailed syllabus)

No. of periods :yearly-80

Unit-I (25 periods)

1. What is psychology ?

- (a) Meaning and definition of Psychology.
- (b) Psychology as a science.
- (c) Brief idea about the different approaches to the study of Psychology.
 - (i) Biological
 - (ii) Behaviouristic
 - (iii) Cognitive
- (d) Field of Psychology
 - (i) Physiological Psychology.
 - (ii) Educational Psychology.
 - (iii) Developmental Psychology.
 - (iv) Industrial and Organisational
 - (v) Abnormal Psychology.
 - (vi) Social Psychology.
 - (vii) Cognitive Psychology.
 - (viii) Health Psychology.
 - (ix) Environmental Psychology
 - (x) Sports Psychology
 - (e) Psychology and other disciplines (Sociology & Anthropology)

2. Methods used in Psychology:

- (a) Experimental method.
- (b) Observational methods:
 - (i) Naturalistic observation
 - (ii) Subjective observation or Introspection.

3. Physiological bases of behavior:

- (a) Structure and functions of neuron.
- (b) Brief idea about methods of studying brain functions
 - (i) Ablation (ii) Stimulation (iii) Electrical recording (iv) scanning
- (c) Structure and functions of Central Nervous System.
- (d) (i) Spinal Cord (ii) Brain
- (e) Autonomic Nervous system

Unit-II (30 periods)

4. Sensory and perceptual Processes:

- (a) Brief idea about sense organs (Structure and function of eye)
- (b) Attention : Determinants and types of attention
- (c) Perception : Meaning,operational definition, processes involved in perception (Receptive, selective, symbolic and affective process.)
- (d) Principles of perceptual organization

- (e) Role of Need, Past Experience and cultural factors in perception.
- (f) Errors in perception: Illusion and Hallucination.

5. **Learning:**

- (a) Meaning and Operational definition of learning: Learning as distinguished from maturational changes and performance.
- (b) Processes of Learning: (i) Trial and Error (ii) Classical Conditioning (iii) Operant Conditioning (iv) Cognitive learning - Insight.

6. **Memory Processes:**

- (a) Memory Process;
 - (i) Encoding (ii) Storage (iii) Retrieval.
- (b) Three systems (stages) of Memory:
 - (i) Sensory Memory (ii) Short Term Memory (iii) Long Term Memory.
- (c) Kinds of Memory:
 - (i) Episodic Memory (ii) Semantic Memory (iii) Procedural Memory.
- (d) Measurement of Memory.
 - (i) Recall (ii) Recognition (iii) Saving or Relearning.
- (e) Forgetting:
 - (i) Encoding failure (ii) Storage failure (iii) Retrieval failure.
- (f) Improving Memory: Mnemonics, Methods of Loci, Number and Letter Peg system, Chunking.

Unit-III (25 periods)

7. **Motivation and Emotion**

- (a) Meaning and operational definition of Motivation.
- (b) Brief idea about Types of Motives: Biological, Social and Psychological.
- (c) Meaning, operational definition and Nature of emotion.
- (d) Different bodily or organic changes or physiological changes during emotion.

8. **Intelligence**

- (a) Meaning and Nature of intelligence.
- (b) Approaches to understanding intelligence:
 - (i) Gardner (ii) Sternberg (iii) J.P.Das
- (c) Factors influencing intelligence.

9. **Language and Thought :**

- (i) Nature and Interrelationship
- (ii) Stages of Cognitive development by Piaget
- (iii) Problem Solving
- (iv) Creative Thinking : Nature and stages of creative thinking

Books Recommended :

1. Psychology Part-I , NCERT
2. Bureau's Higher Secondary +2 Psychology Part-I, ବୁକ୍ସରେ ଉଚ୍ଚ ମାଧ୍ୟମିକ (+୨) ମନୋବିଜ୍ଞାନ ପ୍ରଥମ ଭାଗ Dash, Mohanty, Mohanty, Pattnaik, Nanda, Mishra and Kar , Published by Odisha State Bureau of Text Book Preparation & Production, Bhubaneswar.

QUESTION PATTERN AND DISTRIBUTION OF MARKS
PSYCHOLOGY(THEORY)
+2 1st year Arts(For college level Exam.)

Full marks:70

Time:3hrs

Group- A : Objective type (compulsory)

Q.No.1. Multiple choice (Fill up the blanks from all units) :1 Mark X 10 =10 Marks

Q.No. 2. Statements "True" or "False" : 1 Mark X 10 =10 Marks

Group- B : (Short Answer type)

Q.No. 3 (Answer within two/three sentence, 10 out of 12bits),:2 Marks X 10 =20 Marks

Q.No. 4 (Answer within six sentences,3 out of 5bits,): 3 marks X 3 = 09 Marks

Group-C : (Long answer type)

Q.No. 5 to Q No. 9

(out of five questions from all units one has to answer three questions):7marks X 3 = 21 Marks

PSYCHOLOGY(PRACTICAL)
+2 1st year Arts
(Detailed syllabus)

1. Span of attention.
2. Optical illusion (Muller – Lyer illusion)
3. Sensory - Motor Learning
4. Memory for meaningful words and nonsense syllables.

QUESTION PATTERN AND DISTRIBUTION OF MARKS
PSYCHOLOGY(PRACTICAL)

+ 2, 1st Year Arts (For College Level Exam)

Full Mark : 30

Time : 3 Hrs.

- | | | | |
|----|-------------|---|----------|
| 1. | Experiment | - | 20 Marks |
| 2. | Viva – Voce | - | 7 Marks |
| 3. | Record | - | 3 Marks |

PSYCHOLOGY
(Theory)
+2, 2nd year Arts
(Detailed syllabus)

Unit-I (25 periods)

1. Life span development:

- (a) Meaning of development - life span perspective
- (b) Principles of development.
- (c) Factors influencing development
- (d) Stages of development : Prenatal stage, Infancy, Childhood stage, Adolescence, Adult hood, Old age.

2. Self and personality.

- (a) Concept of self and personality.
- (b) Personality types and traits.
- (c) Assessment of personality.

Unit-II (25 periods)

3 Socio-cultural bases of behaviour:

- (a) What is culture? Relationship between culture and behaviour
- (b) Process of socialization and acculturation

4. Physical Environment and behaviour.

- (a) Environmental effects on human behaviour.
- (b) Impact of human behaviour on environment.

5. Social influence and Group processes;

- (a) Nature, types and formation of groups
- (b) Nature, functions and styles of leadership

Unit-III (30 periods)

6. Psychological disorders:

- (a) Concept of Normality and abnormality, criteria of studying abnormal behaviour.
- (b) Causal factors related to abnormal behaviour.
- (c) Symptoms of major psychological disorders-Anxiety disorders, mood disorders, schizophrenia.

7. Counselling Psychology:

- (a) What is counselling ?, Stages of counselling
- (b) Characteristics of an effective counsellor.

8. Psychology in organizational settings:

- (a) Meaning of organization:
- (b) Structure of organization.

9. Statistics in Psychology:

- (a) Frequency distribution.
- (b) Graphic representation of scores, Polygon and Histogram.
- (c) Measures of Central tendency : Computation and uses of mean median and mode.

Books Recommended :

- 1. Psychology Part-I and Part-II , NCERT
- 2. ବୁଧିଭାଗ ଉଚ୍ଚ ମାଧ୍ୟମିକ (+୨) ମନୋବିଜ୍ଞାନ ଦ୍ୱିତୀୟ ଭାଗ
Published by : Odisha State Bureau of Text Book Preparation & Production, Bhubaneswar

**QUESTION PATTERN AND DISTRIBUTION OF MARKS
PSYCHOLOGY(THEORY)
+2 ,2nd year Arts(For H .S Exam. -2015)**

Full marks:70

Time:3hrs

Group- A : Objective type (compulsory)

Q.No.1. Multiple choice (Fill up the blanks from all units) :1 Mark X 10 =10 Marks

Q.No. 2. Statements "True" or "False" : 1 Mark X 10 =10 Marks

Group- B : (Short Answer type)

Q.No. 3 (Answer within two/three sentence, 10 out of 12bits),:2 Marks X 10 =20 Marks

Q.No. 4 (Answer within six sentences,3 out of 5bits,): 3 marks X 3 = 09 Marks

Group-C : (Long answer type)

Q.No. 5 to Q No. 9

(out of five questions from all units one has to answer three questions):7marks X 3 = 21 Marks

**PSYCHOLOGY(PRACTICAL)
+2 ,2nd year Arts
(Detailed syllabus)**

- 1 . RCPM children / RPM for Adults
- 2.Case History Method (Preparation of at least one case profile)
- 3.Personality Test (Type A / B)
- 4.Piagetian Task (Conservation of Liquid Quality)

**QUESTION PATTERN AND DISTRIBUTION OF MARKS
PSYCHOLOGY(PRACTICAL)**

+ 2, 2nd Year Arts (For H.S Exam-2015)

Full Mark : 30

Time : 3 Hrs.

- | | | | |
|----|-------------|---|----------|
| 1. | Experiment | - | 20 Marks |
| 2. | Viva – Voce | - | 7 Marks |
| 3. | Record | - | 3 Marks |

HOME SCIENCE

(THEORY)

+2 ,1st year Ats
(Detailed syllabus)

No. of priods:yearly-80

UNIT- I (25 periods)

(A) HOME MANAGEMENT: (14 MARKS)

- a) Meaning of Home science and its branches. Scope of studying Home Science.
- b) Meaning, definition and need for home management
Steps in home management-planning, organizing, controlling and evaluating
- c) Meaning, importance and steps in decision making
- d) Resources-Human (knowledge, abilities, skill, energy) and non human(money, time, movable and immovable properties, goods and services, community facilities)

(B) FIRST AID: (8 marks)

- a) Types of bandages(Roller and Triangular)
- b) First aid in drowning, electric shock, burns and foreign bodies in the eye

UNIT-II (25 periods)

(A) FOOD AND NUTRITION (12 marks)

- a) Definition of food ,nutrition and health
- b) Classification and functions of food
- c) Basic food groups and their contribution to diet
- d) Food preservation-Definition, need and importance House holds methods of food preservation (dehydration, addition of salt, sugar and refrigeration)

(B) HEALTH AND HYGIENE (12 marks)

- a) Infection-sources and modes of infection
- b) Restraint of infection
- c) Diseases transmitted through air and other contacts-chicken pox, measles, mumps, diphtheria, whooping cough, tetanus, malaria, fileria and tuberculosis (causes, mode of spread, incubation period, symptoms and prevention)
- d) Diseases transmitted through sex-AIDs-causes, mode of spread and prevention

UNIT-III (30 periods)

(A) TEXTILES: (12marks)

- a) Classification of fibres :natural and man made
- b) Structure and characteristics of cotton, wool and silk
- c) Types of soaps and detergents
- d) Water-hard and soft water, softening of hard water

(B) CHILD DEVELOPMENT: (12marks)

- a) Importance of child study-Meaning and scope
- b) Prenatal development-conception, signs and symptoms of pregnancy, care during Pregnancy
- c) Stages of prenatal growth and development

Factors influencing prenatal growth and development such as age of the mother, diet of the mother, drugs, X-Ray, radiation, paternal illness, RH factors, maternal emotional state and attitude.

BOOKS RECOMMENDED :

Ucha madhyamika Gruha bigyana,published by odisha state bureau of test book preparatiion and production, Bhubaneswar

QUESTION PATTERN AND DISTRIBUTION OF MARKS

HOME SCIENCE(THEORY)

+2 ,1st year Arts(For college level Exam.)

Full marks:70

Time:3hrs

Group- A : Objective type (compulsory)

Q.No.1. Multiple choice (Fill up the blanks from all units) :1 Mark X 10 =10 Marks

Q.No. 2. Statements "True" or "False" : 1 Mark X 10 =10 Marks

Group- B : (Short Answer type)

Q.No. 3 (Answer within two/three sentence, 10 out of 12bits):2 Marks X 10 =20 Marks

Q.No. 4 (Answer within six sentences,3 out of 5bits,): 3 marks X 3 = 09 Marks

Group-C : (Long answer type)

Q.No. 5 to Q No. 9

(out of five questions from all units one has to answer three questions):7marks X 3 = 21 Marks

HOME SCIENCE (PRACTICAL)

+2 ,1st year Arts

(Detailed syllabus)

UNIT-I FOOD AND NUTRITION:

Planning and preparation of dishes rich in protein, vitamin-A and iron (two items each for lunch/ dinner/ snacks) (10marks)

UNIT-II FOOD PREPARATION FOR ENHANCING NUTRITIVE VALUE:

(A) cereal milk combination (5marks)

(B) cereal ,milk and vegetable combination (5marks)

(one item for snack and one item for meal time)

UNIT-III FIRST AID:

Application of triangular bandages for head and elbow , and roller bandages for wrist and knee (5 marks)

Practical Record (5marks)

QUESTION PATTERN AND DISTRIBUTION OF MARKS

HOME SCIENCE(PRACTICAL)

+ 2, 1st Year Arts (For college level Exam.)

Full Mark : 30

Time : 3 Hrs.

1. Experiment - 25 Marks

2. Record - 5 Marks

HOME SCIENCE (THEORY)

+2 2nd year Arts
(Detailed syllabus)

No. of periods :Yearly-80

UNIT-I (25 periods)

- a) Feeding the baby: breast feeding, artificial feeding. weaning
 - b) Care of feeding equipments
 - c) Immunizations of children
 - d) Common ailments-teething, diarrhoea ,common cold fever, thrush, wind and colic
 - e) Causes and prevention of infant and maternal mortality
- (B) ADOLESCENT DEVELOPMENT: (10marks)
- a) Meaning, changes and problems (physical and emotional)
 - b) Role of parents in solving adolescents' problems

UNIT-II (25 periods)

- (A) NUTRITION: (10marks)
- Classification, function, sources and deficiency of following nutrients:
- a) Carbohydrates
 - b) Protein
 - c) Fat
 - d) Vitamins(A,D,E,K)
 - e) B complex vitamins(thiamine ,riboflavin, niacin)
 - f) Vitamin-c
 - g) Minerals(calcium, phosphorous, iron, iodine)
- (B) PHYSIOLOGY: (10marks)
- a) Cell(structure and functions)
 - b) Blood(composition, constituents and functions)
 - c) Digestive System-structure of alimentary canal, digestive juices secreted into it, their action on carbohydrates ,protein and fats and their absorption
 - d) Accessory organs in digestion-salivary glands, liver, pancreas and gallbladder(structure and function in brief)

UNIT-III (30 periods)

- (A) TEXTILES: (10marks)
- a) Methods of laundering (rubbing and scrubbing, friction method, kneading and squeezing method, suction method and washing machine)and their principles.
 - b) Washing and finishing of cotton, wool and silk garments.
 - c) Stain removal : classification, types and methods of stain removal (tea, grass, grease, curry, blood, ball ink pen, lipstick and nail polish)
- (B) MONEY MANAGEMENT: (10marks)
- Types of family income-money income, real income(direct and indirect),psychic income, sources of family income, methods of supplementing family income, procedure for keeping household accounts, meaning and importance of savings
- (C) COLOUR: (10marks)
- Use of colour in home: colour wheel, principles of colour combination (proportion, balance, emphasis, rhythm and harmony), colour combinations (relating and contrasting colour schemes) , use of colour in different rooms

BOOKS RECOMMENDED :

Ucha madhyamika Gruha bigyana,published by odisha state bureau of test book preparatiion and production, Bhubaneswar

QUESTION PATTERN AND DISTRIBUTION OF MARKS

HOME SCIENCE(THEORY)

+2 ,2nd year Arts(For H .S Exam. -2015)

Full marks:70

Time:3hrs

Group- A : Objective type (compulsory)

Q.No.1. Multiple choice (Fill up the blanks from all units) :1 Mark X 10 =10 Marks

Q.No. 2. Statements "True" or "False" : 1 Mark X 10 =10 Marks

Group- B : (Short Answer type)

Q.No. 3 (Answer within two/three sentence, 10 out of 12bits):2 Marks X 10 =20 Marks

Q.No. 4 (Answer within six sentences,3 out of 5bits,): 3 marks X 3 = 09 Marks

Group-C : (Long answer type)

Q.No. 5 to Q No. 9

(out of five questions from all units one has to answer three questions):7marks X 3 = 21 Marks

HOME SCIENCE(PRACTICAL)

+2 2nd year Arts
(Detailed syllabus)

UNIT-I NEEDLE WORK: (10marks)

- Make a sample of basic stitches-run stitch, hemming ,back stitch, button whole stitch, chain stitch and satin stitch
- Study of different parts of sewing machine
- Make samples of seams, pleats and patch (three types each)
- Make a sample of fixing hooks and buttons (1 each)
- Removal of stains-tea, curry, grease, grass, ball pen, ink, lipstick and nail polish using chemicals

UNIT-II USE OF COLOUR: (10marks)

- Preparation of colour wheel(prang colour chart)
- Preparation of motifs using monochromatic ,direct complimentary and analogous colour schemes

UNIT-III CHILD CARE:

Preparation of immunization chart (5marks)

Practical Record (5marks)

QUESTION PATTERN AND DISTRIBUTION OF MARKS

HOMESCIENCE(PRACTICAL)

+ 2, 2nd Year Arts (For H.S Exam-2015)

Full Mark : 30

Time : 3 Hrs.

- Experiment - 25 Marks
- Record - 5 Marks

INDUSTRIAL RELATIONS AND PERSONNEL MANAGEMENT

+2 1st year Arts
(Detailed syllabus)

No. of periods:yearly-80

Unit –I :Industrial Relations and Trade Unionism: - (20 periods)

- (a) Meaning and Definitions of Industrial Relations
- (b) Objectives and Scope of Industrial Relations
- (c) Significance of Industrial Relations
- (d) Meaning, Aims and Objectives of Trade Union
- (e) Functions of Trade Union
- (f) Types of Trade Union – Craft Union, Industrial Union and General Union
- (g) National Federations of Trade union in India

Unit-II :Industrial Disputes in India : - (20 periods)

- (a) Meaning and Definitions of Industrial Disputes
- (b) Causes of Industrial Disputes
- (c) Consequences of Industrial Disputes
- (d) Meaning of Strikes and Lockouts – Legal and Illegal
- (e) Machineries for the Settlement of Industrial Disputes
- (f) Grievances Settlement Authority
- (g) Works Committee
- (h) Conciliation Officer
- (i) Board of Conciliation
- (j) Court of Inquiry
- (k) Voluntary Arbitration
- (l) Labour Court
- (m) Industrial Tribunal and
- (n) National Tribunal

Unit-III :Collective Bargaining (20 periods)

- (a) Meaning, Objectives and Scope of Collective Bargaining
- (b) Prerequisites of Collective Bargaining
- (c) Process of Collective Bargaining
- (d) Levels of Collective Bargaining
- (e) Collective Agreements

Unit-IV: Workers Participation in Management : (20 periods)

- (a) Meaning and Definitions of Workers Participation in Management
- (b) Forms of Workers Participation in Management
- (c) Workers Participation in Management in India
- (d) JOINT FORUMS:-

Works Committee, Canteen Committee, Safety Committee, Welfare Committee, and Production Committee

Books recommended

1. Bureau's Higher Secondary +2 Industrial Relations and Personnel Management Published by Odisha State Bureau of Textbook Preparation and production, Bhubaneswar.
2. Sayddin and Monappa – Personnel Management
3. K.K. Jacob – Personnel Management in India
4. Dale Yoder et al. – Handbook of Personnel Management
5. A.M. Sharma – Industrial Relations

QUESTION PATTERN AND DISTRIBUTION OF MARKS
INDUSTRIAL RELATIONS AND PERSONNEL MANAGEMENT
+21st year Arts (For college level Exam.)

Full marks:100

Time:3hrs

Group-A: Objective type compulsory :

- Q.1 Multiple choices (from all units) 1 mark each x 15 = 15 marks
Q.2 One word answer / very short answer / correct the sentences/ Fill up the blanks 1 mark each x 15 = 15 marks

Group-B: (Short type Answer):

- Q.3. Answer within Two/ Three sentences (out of 14 bits, one has to answer 11 bits) 2 marks each x 11 = 22 marks
Q.4. Answer within six sentences. (out of eight bits, one has to answer six bits) 3 marks each x 6 = 18 marks

Group-C: (Long type Answer):

- Q.5. to Q. 10 Out of six questions from all units, one has to answer 4 questions. 7.5 marks each x 4 = 30 marks

INDUSTRIAL RELATIONS AND PERSONNEL MANAGEMENT

+2 2nd year Arts
(Detailed syllabus)

No. of periods:yearly-80

Unit-I – Personnel Management

(20 periods)

- (a) Meaning and Definition of Personnel Management
- (b) Objectives and Scope of Personnel Management
- (c) Importance of Personnel Management
- (d) Functions of Personnel Management
- (e) Growth and Development of Personnel Management
- (f) Personnel Management v/s Human Resource Management
- (g) Objectives and Functions of Human Resource Management

Unit-II- Recruitment, Selection and Training

(20 periods)

- (a) Meaning and Definition of Recruitment
- (b) Sources of Recruitment – Internal and External with their Merits and Demerits
- (c) Meaning and Definition of Selection
- (d) Significance of Selection
- (e) Difference between Recruitment and Selection
- (f) Selection procedure – Reception of Applications, Scrutiny; Preliminary Interview; Application Blank; Employment Tests; Employment Interview, Reference Check; Medical tests; Final Selection, Placement, Induction
- (g) Meaning and Objectives of Training
- (h) Principles of Training
- (i) Benefits of Training
- (j) Methods of Training – On-the job, Training and Off-the job training

Unit-III Labour Welfare and Social Security:

(20 periods)

- (a) Meaning and Definitions of Labour Welfare
- (b) Aims and Objectives of Labour Welfare
- (c) Concept and Scope of Labour Welfare

- (d) Philosophy of Labour Welfare
- (e) Principles of Labour Welfare
- (f) Meaning and Definitions of Social Security
- (g) Social Assistance and Social Insurance

Unit-IV: Labour Administration and ILO :

(20 periods)

- (a) Statutory Labour Welfare measures with special reference to welfare, working hours and annual leave with wages under the Factories Act, 1948.
- (b) Functions of Welfare Officer in Industry
- (c) Labour Administration in Orissa, Structure and Functions at the District, Zonal and State Level
- (d) International Labour Organisation (ILO)
- (h) Aims and Objectives of ILO.
- (i) Structure and Functions of ILO
- (j) Impact of ILO on Industrial Relations in India

Books recommended

1. Bureau's Higher Secondary +2 Industrial Relations and Personnel Management Published by Odisha State Bureau of Textbook Preparation and production, Bhubaneswar.
2. Sayddin and Monappa – Personnel Management
3. K.K. Jacob – Personnel Management in India
4. Dale Yoder et al. – Handbook of Personnel Management
5. A.M. Sharma – Industrial Relations
6. Punekar et al., Labour Welfare, Trade Unionism and Industrial Relations.

QUESTION PATTERN AND DISTRIBUTION OF MARKS
INDUSTRIAL RELATIONS AND PERSONNEL MANAGEMENT
 +2,2nd year Arts (For H.S Exam-2015)

Full marks:100

Time:3hrs

Group-A: Objective type compulsory :

- | | |
|---|-----------------------------|
| Q.1 Multiple choices (from all units) | 1 mark each x 15 = 15 marks |
| Q.2 One word answer / very short answer / correct the sentences/ Fill up the blanks | 1 mark each x 15 = 15 marks |

Group-B: (Short type Answer):

- | | |
|---|------------------------------|
| Q.3. Answer within Two/ Three sentences (out of 14 bits, one has to answer 11 bits) | 2 marks each x 11 = 22 marks |
| Q.4. Answer within six sentences. (out of eight bits, one has to answer six bits) | 3 marks each x 6 = 18 marks |

Group-C: (Long type Answer):

- | | |
|---|-------------------------------|
| Q.5. to Q. 10 Out of six questions from all units, one has to answer 4 questions. | 7.5 marks each x 4 = 30 marks |
|---|-------------------------------|

INDIAN MUSIC

ODISSI VOCAL(THEORY)

(Vocal and Instrumental- Applied and General)

+2 1st year Arts

(Detailed syllabus)

No. of periods:Yearly-30. Full marks: 40. Time:2 hrs

Unit – I (6periods)

Characteristics feature of all the Ragas and Talas prescribed for this year.

- a) Ragas are - Sankaravarana, Kafi, Mukhari, Gauda, Khamaj, Bajrakanti, Mohana
- b) Talas are -Ekatali, Khemta, Rupak, Jati, Jhula

Unit – II (6 periods)

- a) Knowledge of writing notation of the Ragas.
- b) Knowledge of writing layakari (Eka Guna, Dui Guna, Chou-Guna) with sastriya Parichaya.
- c) Definition and Description of Tanpura.

Unit – III (6 periods)

Definition of following musical Terms.

Dhawni Nada, (Ahata-Anahata), Sangeeta, Badi, Sambadi, Saptaka (Mandra- Madhya Tara), Bibadi Anubadi, Aroha, Abaroha, Tala, Laya (Vilambit-Madhya-Druta) Prabaddha,

Unit – IV (6 periods)

- (a) Swara sruti Bibhajana
- (b) Comparative study.
 - (i) Swara- Sruti
 - (ii) Mela- Raga.
 - (ii) Purbaraga- Utterraga.

Unit – V (6 periods)

Biography of the following

- (i) Jayadev
- (ii) Singhari Shyamsundar Kar
- (iii) Pandit Nrusingha Nath Khuntia.

BOOKS PRESCRIBED:

1. Bharatiya Sangeeta Itihas - Dr. D. Hota
2. Utkal Sangeeta Padhati - Shyam Sundar Dhir
3. Bharatiya Sangeeta - N. Panigrahi
4. Sangeeta Sangyan - Sri Ramhari Das
5. Odissi Sangeetara Parampara O Prayoga - Sri Ramhari Das.

VOCAL AND INSTRUMENTAL-IMOV

(PRACTICAL)

+2 1st year Arts

(Detailed syllabus)

No. of periods: Yearly-60. Full maks:60. Time: 40 minutes

Unit – I (12 periods)

1. Each Candidate will have to select one Raga of this course as his/her choice.

Unit – II (12 periods)

2. Each Candidate will have to sing one Bhajan and Janana.
light classical song, one patriotic, one folk song.

Unit – III (12 periods)

3. Candidates to sing one chhanda, one champu, one Geeta Govinda.

Unit - IV (12 periods)

4. Test of Talas (Eka Guna- Dui Guna)

Unit – V (12 periods)

5. Identification of Swaras and Ragas asked by the Examiner.

BOOKS PRESCRIBED:

Practical - Indian Music. Odissi Vocal

1. Laxkhyana Swora Malik Lahari- Dr. D. Hota
2. Srimandira Sangeeta Mala- Pandit N.N.Khuntia
3. Odissi Sangeeta Manjari- Pandit G.C. Panda
4. Sangeeta Markandeya- Pandit Markandeya Mohapatra
5. Alankar Ratnabali - Sri Ramhari Das.
6. Odissi Raga Sangeeta -Lokanath Pal
(Part-I,II,III)
7. Odissi Sangeeta Sworalipi -Sri A.K. Lenka.
8. Champu Sworalipi- Sangeet Natak Academy/Odissi Research Centre.

**ODISSI VOCAL
APPLIED AND GENERAL (THEORY)
+2, 2nd year Arts
(Detailed syllabus)**

No. of periods:yearly-30. Full marks:40. Time:2hrs

Unit – I (6 periods)

Characteristic features of all the Ragas and Talas prescribed for this year.

- a) Ragas are - Kalayana, Baradi, Kamodi, Ashabari, Bhairabi, Malabagouda, Deshakhya.
- b) Tala are - Ektali, Tripata, Jhampa, Jati Tala, Aditala.

Unit – II (6 periods)

- a) Study of Notation System
- b) Knowledge of writing Layakaries (Eka-Dui-Chariguna)

Unit - III

(6periods)

Definition :-

Varna (Sthayee- Arohi- Abarohi-Sanchari) Alankar, Gamaka, Alpatwa, Bahutwa, Alap, (Anibadha Alap-Nibadha Alap), Bhanati, Sangeet, Mela, Jati (Audaba- Sadaba- Sampurna), Purbanga - utararga, Badi, Raga, Swor Malika,

Unit – IV(6 periods)

Definition and comparative study :

- a) Odissi, Chhanda, Champu, Janana, Bhajana, Choutisha,
- b) Structural description and Tuning system of Mardal.

Unit - V (6periods)

- (a) Biography of the following
 - i) Sangeeta Sudhakar Balakrushna Dash
 - ii) Kavisurya Baladev Rath
- (b) Writing essay of the following
 - i) Aims of learning Music.

BOOKS PRESCRIBED:

- 1.Bharatiya Sangeeta Itihas - Dr. D. Hota
- 2.Utkal Sangeeta Padhati - Shyam Sundar Dhir
- 3.Bharatiya Sangeeta - N. Panigrahi
- 4.Sangeeta Sangyan - Sri Ramhari Das
- 5.Odissi Sangeetara Parampara O Prayoga - Sri Ramhari Das.

ODISSI VOCAL- IMOV

(PRACTICAL)
+2 2nd year Arts
(Detailed syllabus)

No. of periods:yearly:60. Full marks: 60. Time:2 hrs

Unit – I(12 periods)

Each candidate will have to select one Raga of this course as his/he” choice.

Unit - II (12 periods)

Each candidate will have to sing one Bhajan and one Janana, one light classical song, one, patriotic, one folk song.

Unit – III (12 periods)

Candidate to sing one chhanda, or one champu, or one Geeta Govinda

Unit - IV (12 periods)

Test of Talas with Layakari (Eka-Dui-Chouguna Kriya)

Unit – V (12 periods)

Identification of Sworas and Ragas asked by the Examiner

BOOKS PRESCRIBED:

Practical - Indian Music. Odissi Vocal

- 1.Laxkhyana Swora Malik Lahari- Dr. D. Hota
- 2.Srimandira Sangeeta Mala- Pandit N.N.Khuntia
- 3.Odissi Sangeeta Manjari- Pandit G.C. Panda
- 4.Sangeeta Markandeya- Pandit Markandeya Mohapatra
- 5.Alankar Ratnabali - Sri Ramhari Das.
- 6.Odissi Raga Sangeeta -Lokanath Pal (Part-I,II,III)
- 7.Odissi Sangeeta Sworalipi -Sri A.K. Lenka.
- 8.Champu Sworalipi- Sangeet Natak Academy/Odissi Research Centre.

HINDUSTANI VOCAL MUSIC

Applied and General (THEORY)

+2, 1st year Arts

(Detailed syllabus)

No. of periods:30. Full marks:40. Time:2hrs

Unit – I (6 periods)

Characteristic features (Sastriya Parichaya) of all the Raagas and Taalas of this year course. Such as :-

- (f) Ragas: -Bhupali, Kafi, Khamaj, Alheyabilawal, Vrindabenisarang, Desh, Kalyan, Asabari, Bageshree, Durga, Bhimpalasi and Bhairaba.
- (g) Taalas: Tritaal, Jhamptal, Ektal, Chautal, Rupak, Dadra and Kaharwa

Unit – II (6 periods)

Preliminary Knowledge of writing notation of all the compositions of the prescribed ragas and talas of this year.

Unit – III (6 periods)

Definition of the followings :

Dhwani, Naada, Swara, Sruti, Saptaka, Sangeeta, Raaga, Graha, Ansa, Nyasa, Apanyasa, Vinyasa, Vadi, Samavadi, Anuvadi, Vibadi, Thaata and its Verities, Varna, Purbanga, Utaranga, Alankar, Alaap, Taan, Boltaan, Bolbant, Dhrupad, Khayal, Sargamtaan, Laxyangeet and Bhajan.

Unit – IV (6 periods)

Comparative study of the following :

Raga - That Swara-Sruti, Tala-Laya, Alaap-tan, Boltan-Bolbant.

Unit – V (6 periods)

Life Sketches :

- (f) Pt. V. N. Bhatkhande.
- (g) Pt. V.D. Paluskar
- h)Tansen

HINDUSTANI VOCAL MUSIC(IHMV)

(PRACTICAL)

+2 1ST YEAR ARTS

(Detailed syllabus)

No. of periods:Yearly-60. Full marks:60. Time: 40 minutes

Unit – I (12 periods)

Candidates will be taught at least one Chhota Khayal with simple Alaap and Tan in each of the following prescribed Raagas :-

Bhupali, Kafi, Khamaj, Vrindabani-Sarang, Desh, Durga, Alheiya-Bilawal, Bageshree Bhimpalasi, Kalyan, Asabari and Bhairaba.

Unit – II (12 periods)

Candidates will be taught the knowledge of Layakeries (2 guan and 4 guan) in the following Taalas - Tritaal, Jhamptal, Ektal, Chautal, Dadra and Kaharwa.

Unit – III (12 periods)

Candidates will be taught one Dhrupad based on any prescribed raag with Dugun and chaugun layakeries.

Unit – IV (12 periods)

Identification of Raagas, Taalas and Swaras which will be asked by the examiner.

Unit – V (12 periods)

Candidates will be taught one Light classical composition (Bhajan)

BOOKS PRESCRIBED:(HINDUSTANI VOCAL MUSIC).

1. Hindustani Sangeet Lahari (Part-I, II, III) - By Dr. Damodar Hota.
2. Sangeeta Shastra - By Dr. Damodar Hota)
3. Bharatiya Sangeetara Raltihās - By Dr. Damodar Hota.
4. Raaga Sangeeta (Part-I, II, III) - by Dr. M.C. Senapati
5. Sangeet Visharad - By Vasant, Hatharas, U.P.
6. Raga Parichaya (Part-I, III)- By Harischandra Srivastava. Hatharas, U.P.
7. Sangeetanjali (Part-I, II, III)- By P. Omkarnath Thakur.Hatharas, U.P.
8. Raga Vigyan (Part-II, III)- By Y. R. Pattavardhan. Hatharas, U.P.
9. Hamare Sangeet Ratna - By Hatharas L.N. Garg.Hatharas, U.P.
10. Bhatkhande Sangeeti Shastre, (Part-I, II) - By V.N.Bhatkhande Hatharas, U.P.
11. Kramik Pustak Malika (Part-I, II) - By Pt. V. N. Bhatkhande. Hatharas, U.P.

QUESTION PATTERN AND DISTRIBUTION OF MARKS

HINDUSTANI VOCAL MUSIC(PRACTICAL)

+2,1st year Arts(For College level Exam)

Full marks:60

Time: 40 minutes

1. Each candidate will have to select oneBadakhayal and Chhota Khayal based on any raaga of the course as his/her choice, which carries. 15 minutes
2. Each candidate will have to demonstrate one Dhrupad with layakarīs which carries. 05 minutes
3. Examiners Choice from the course other than candidates choice which carries. 05 minutes
4. Test of Talas with layakarīs which carries. 05 minutes
5. Identification of Swara, Raga and Tala which carries. 05minutes
6. Each candidate will have to demonstrate one light classical composition which carries. 05 minutes.

HINDUSTANI VOCAL MUSIC
APPLIED AND GENERAL(THEOTY)
+2 2nd year Arts
(Detailed syllabus)

No. of periods:30. Full marks:40. Time:2hrs

Unit – I (6 periods)

Characteristic features (Sastriya Parichaya) of all the Raagas and Taalas prescribed for this year course Such as :-

- (f) Bihag, Patdeep, Kedar, Hameer, Tilakkamod, Sankara, Malkauns and Bhairavi,
- (g) Talas : Dharmar, Jhumura, Tilwara and Vilambit Ektal.

Unit – II (6 periods)

Study of the following :-

- (f) Brief History of Indian Music.
- (g) Physical description and tuning systems of Taanpura.

Unit - III (6 periods)

Definitions :-

Gamak, Meend, Kaku, Jaati and its varieties., Alpatwa, Bahutwa, Gayaki, Nayaki, Janakthaat, Janyaraag, Asrayaraag, Thaata and its varieties.

UnitIV(6periods)

Essays :-

- (a) Necessity of Music.
- (b) Role of Taala and Laya in Music.
- (c) A classical Music Evening.

Unit – V(6periods)

General study of the following :

- (a) Sruti Swara Bibhajana (Ancient, Medieval and Modern Period).
- (b) Notation System of Indian Classical Music (Pt. Paluskar and Pt. Bhatkhande System).

HINDUSTANI VOCAL MUSIC(IMVH)
(PRACTICAL)
+2 2nd year Arts
(Detailed syllabus)

No. of periods:Yearly-60. Full marks:60. Time: 40 minutes

Unit – I(12periods)

Candidate will be taught atleast one chhota-Khayal in each of the following ragas :
Bihag, Pattadeep, Kedar, Hameer, Sankera, Malkouns, Tilak Kamod and Bhairabi.

Unit – II(12periods)

Candidates will be taught at least 2 Badakhayal in any of the prescribed raagas with Alaap, Boitaan and Taan.

Unit – III(12periods)

Candidates will be taught one Dhrupad based on any Raga of this year with layakeries : (2 gun, 3 gun and chaugun 4 gun)

Unit – IV(12periods)

Candidates will be taught the following taalas with layakeries
(2 gun, 3 gun and Chaugun 4 gun)
(a) Jhumura (b) Dhamar (c) Tilwara and (d) Vilambit Ektal.

Unit – V(12periods)

- (a) Candidates will be taught 2 light classical composition.
(b) Candidates will be taught to identify the Raagas, Taalas and Swaras asked by the examiner from the syllabus.

BOOKS PRESCRIBED:(HINDUSTANI VOCAL MUSIC).

5. Hindustani Sangeet Lahari (Part-I, II, III) - By Dr. Damodar Hota.
6. Sangeeta Shastra - By Dr. Damodar Hota)
7. Bharatiya Sangeetara Raltihias - By Dr. Damodar Hota.
8. Raaga Sangeeta (Part-I, II, III) - by Dr. M.C. Senapati
12. Sangeet Visharad - By Vasant, Hatharas, U.P.
13. Raga Parichaya (Part-I, III)- By Harischandra Srivastava. Hatharas, U.P.
14. Sangeetanjali (Part-I, II, III)- By P. Omkarnath Thakur.Hatharas, U.P.
15. Raga Vigyan (Part-II, III)- By Y. R. Pattavardhan. Hatharas, U.P.
16. Hamare Sangeet Ratna - By Hatharas L.N. Garg.Hatharas, U.P.
17. Bhatkhande Sangeeti Shastre, (Part-I, II) - By V.N.Bhatkhande Hatharas, U.P.
18. Kramik Pustak Malika (Part-I, II) - By Pt. V. N. Bhatkhande. Hatharas, U.P.

QUESTION PATTERN AND DISTRIBUTION OF MARKS

HINDUSTANI VOCAL MUSIC(PRACTICAL)

+2, 2nd year Arts(For H .S Exam-2015)

Full marks:60

Time:40 minutes

- 1.Each candidate will have to select one Badakhayal and Chhota Khayal based on any raaga of the course as his/her choice, which carries. 15 minutes
- 2.Each candidate will have to demonstrate one Dhruwad with layakaries which carries. 05 minutes
- 3.Examiners Choice from the course other than candidates choice which carries. 05 Minutes.
- 4.Test of Talas with layakaries which carries. 05 Minutes.
- 5.Identification of Swara, Raga and Tala which carries. 05 Minutes.
- 6.Each candidate will have to demonstrate one light classical composition which carries. 05 Minutes.

INDIAN MUSIC (TABLA)-IMP
(APPLIED AND GENERAL THEORY)
+2 1st year Arts
(Detailed syllabus)

No. of periods:30. Full marks:40. Time:2hrs

Unit – I (6 periods)

- (a) Music: Definition of Music according to musicians.
- (b) Origin of Music: -Religious theory regarding its origination.
- (c) Significance of Music: It's impact on human beings.

Unit – II(7 periods)

- (a) Musical Instruments of India :- Classification, their definition.
- (b) Abanadha Badya of India :-It's definition, classification and structure.
- (c) Life history of tabla: It's origin, structural method and role in Music.

Unit – III(7 periods)

Essay of the followings :-

- (a) Importance of Tal in Music.
- (b) Aim of learning Tabla.
- (c) A musical programme you have attended.
- (d) Role of Radio and Television in Propagation and spread of Music.

Unit – IV(5 periods)

- (a) Typical qualities of Tabla players.
 - (i) Their good and bad qualities.
 - (ii) Their impact on the audience
- (b) Description of Tal :- Definition, their characteristics.

Unit – V(5 periods)

Definition of various musical terms :-

Abanadha, Tal, Theka, Matro, Bivag, Som, Khali, Bole, Chhanda and Jati.

INDIAN MUSIC (TABLA)-IMP
(PRACTICAL)
+2 1st year Arts
(Detailed syllabus)

No. of periods:Yearly-60. Full marks:60. Time: 40 minutes

Unit-I(12periods)

- (a) Practice of the following Banees.
TA, NA, Tin, Tee, Tuna, Ke, Ka, Ge, Ghe, Dha, Dhin, Tete, Terekete, Kedenaga and Ghedenag.
- (b) Recitation of Thekas :-
Trital, Jhamptal, Ektal, Jhumura, Tilwada, Rupak, Teora, Dadra, Dhumali and Kaharawa.
- (c) Candidate will be taught Barabar, Digun and Chaugun layakaries.

Unit – II(15 periods)

- (a) Characteristic features of all the prescribed taalās.
- (b) Candidates will be taught Drutt Thekas of Trital, Jhamptal, Rupak, Kaharawa, Jhumura, Ektal, Tilwada, Teora, Dadra and Dhumali.

Unit – III(15 periods)

Candidates will be taught atleast two Kayada with palats and two Damdar Tyahis set to Trital .and Jhamptal each with the help of Ghedenag, Keedenag, Dha, Dhin, Tuna and Din Banees.

Unit – IV(10 periods)

- (a) Candidates will be taught the padhat of Tukuda, Kayada and Theka by beating of hand showing Som, Tali, Khali and Bivag.
- (b) Candidates will be taught at least two Tukuda in Trital and Jhamptal each.

Unit – V(8 periods)

- (a) Candidates will be taught mukhuda set to Trital and Jhamptal each.
- (b) Candidates will be taught the prakars of Trital and Jhamptal.

**QUESTION PATTERN AND DISTRIBUTION OF MARKS
INDIAN MUSIC (TABLA)-IMP
PRACTICAL**

+2,1st year Arts(For college level Exam.)

Ful marks:60

Time- 40 minutes

- 1. Each candidate will have to select. One Tal of this courses for if his/her sole (Lahara) performance as choice Tal. 20 marks-15 minutes.
- 2. Each candidate is required to play the sole (Lahara) as desired by the examiner :- 15 marks - 10 minutes.
- 3. Each candidate is required to play one kayada with palats and Tyahi besides his/her choice :- 10 marks-05 minutes.
- 4. Test of Tal from the course- 10 marks -05 minutes.
- 5. Each candidate will have to play either Rela or Tukuda or Damdar Tyahi as directs :- 5 marks - 05 minutes.

INDIAN MUSIC (TABLA)-IMP
(Applied and General theory)
+2, 2nd year Arts
(Detailed syllabus)

No. of periods:30. Full marks:40. Time:2hrs

Unit-I(5periods)

- (a) Letters of Tabla :-Main letters, their categories and production from different parts.
- (b) Sangat and Sole Playing :- Definition of Sangat Sole and their Principles.
- (c) Tuning System of Tabla :- Necessity of tuning, Principles of tuning the tabla and Dugee.

Unit – II(6 periods)

- (a) Notation Systems: - Categories used in Indian Music, Principles of B.N. Bhatkhande and B.D. Paluskar notation system.

Similarities and dissimilarities between those two systems.

- (b) Similarities and dissimilarities between various Talas.

Trital :- Tilwada

Dipchandi :- Jhumura

Rupak :- Teora

Dhumali :- Kaharawa

Unit – III(4periods)

Definition of various musical terms :- Kholi, Mudi, Theka, Prakar, Palat, Kayada, Rele, Mukhuda, Tukuda, Uthan, Peskar, Tyahi and Laya.

Unit – IV(8 periods)

- (a) Dasapran of Tal: - It's definitions and divisions.

- (b) Life history Of eminent Tabla players :-

(i) Ahamadjan Thirgwa

(iv) Nab kumar Panda

(ii) Kanthe Maharaj

(v) Sampta prasad Mishra

(iii) Khetramohan Kar

Birth and musical tradition of their family learning, speciality, personality and contribution to the world of music.

Unit – V(7 periods)

Gharana and Baj

Their origin, definition, categories, similarities and dissimilarities between Delhi and Banaras Baj.

INDIAN MUSIC (TABLA)-IMP
(PRACTICAL)
+2, 2nd year Arts
(Detailed syllabus)

No. of periods:Yearly-60. Full marks:60. Time: 40 minutes

Unit – I(12periods)

- (a) Candidates will be taught to play Ekgun, Digun and Chaugunlaya of Theka set to Trital, Jhamptal and Rupak.
- (b) Candidates will be taught atleast one simple Rela set to Trital, Jhamptal and Rupak tal each.

Unit – II(10 periods)

Candidates will be taught two kayada with palate and one Damdar Tyahi in each set to Trital, Jhamptal with the help of Tereketa, Dhetetete and Kredhetete Banees.

Unit – III(14 periods)

- (a) Candidates will be taught to play Prakars set to Trital, Jhamptal, Rupak, Kaharawa & Dadratal.
- (b) Candidates will be taught to play the Drutt thekas of Ektal, Jhumuratal, Dhumali, Tilwara and Teoratal with Prakars.

Unit – IV(12 periods)

- (a) Candidates will be taught to play Kayada in Ghedenag Banee.
- (b) Candidates will be taught Kayada in Tereketa Banees.

Unit – V(12 periods)

- (a) Candidates will be taught to play two tukudas set to Trital, Jhamptal and Rupaktal in each.
- (b) Candidates will be taught to play Chakradar set to Trital, and Jhamptal.
- (c) Candidates will be taught to play Drutt Thekas set to Trital, Jhamptal, Dadratal and Kaharawa with various prakars.

INFORMATION TECHNOLOGY (THEORY)

+ 2, 1st Year Arts
(Detailed syllabus)

No. of Periods:Yearly-80

UNIT- I

28 Periods

a. Overview of Information Technology : 8 Periods

Introduction of I.T, Data & its different forms, Distinction between data and information, Data Processing System, Use of I.T in business, education, Medicine, Entertainment, Office Automation, Research & Development, Concept of hardware and Software.

b. COMPUTER: 10 Periods

Characteristics of digital computer, evolution of computer, classification of computer, use of binary number system in computer (idea of bit, word, nibble & byte), Components of a computer, CPU & its working, Main Memory, static & dynamic RAM, Cache, ROM, Secondary Memory (hard disk, floppy, optical disk), Input-Output devices (keyboard, monitor, mouse, OCR, MICR, Barcode Reader, Scanner, Joystick), Printer (DMP, Ink-jet, Laser Printer), Plotter, Use of Smart Card.

c. COMMUNICATION: 12 Periods

Basic elements of communication system, Data Transmission Modes ____ Simplex, Half-Duplex & Full Duplex, Transmission Media ____ Twisted pair cable, Coaxial cable, Optical Fibre, Radio Link , Microwave Link & Satellite Link, Network Topology, Network Types ____ LAN, MAN & WAN 56kbps Modem, Cable Modem & DSL Modem, Client Server Concept.

UNIT-II

24 Periods

a. SOFTWARE: 12 Periods

System Software & Application Software, Operating System, Types Of Operating System & Its Uses. Programming Languages (Machine Level, Assemble Level, & High Level Languages), Assembler, Compiler and Interpreter.

Programming Tools: Use of Flowchart & Algorithm in Programming Development, Steps in Program Development.

b. Multimedia: 8 Periods

Introduction to Multimedia, Multimedia Components __Text, Graphics, Animation, Audio, Video, Multimedia Applications.

UNIT-III :

28 Periods

Programming in C:

Data Types, Variables & Constants, Operators & Expressions, Input & Output Control Function, Control Statements ----- IF, IF----- ELSE, Nested IF----ELSE Statements, Switch Statements, Conditional Operator & GOTO Statements, Decision Making & Looping, While Statement, Do While Statement, For-----Next Statement, BREAK & CONTINUE Statements, Arrays One Dimensional & Multidimensional Arrays, Handling of Character Strings.

Books Prescribed : Bureau's Higher Secondary (+2) Information Technology, Part-I,

Published by Odisha State Bureau of Text Book Preparation & Production, Bhubaneswar

QUESTION PATTERN AND DISTRIBUTION OF MARKS
INFORMATION TECHNOLOGY (THEORY)
+ 2, 1st Year Arts (For College Level Exa)

Full Mark : 70

Time : 3 Hrs.

Group-A (Objective Type)

Q. 1 Compulsory : **1×10 = 10 marks**
Ten multiple choice answer type questions, each carrying one mark, covering all units.

Q. 2 Compulsory : **1×10 = 10 marks**
Ten one word answer / very short answer / correct sentences / fill in the blank type questions, each carrying one mark, covering all units.

Group-B (Short Answer Type)

Q. 3 Short Answer Type Questions with alternatives : **2×10 = 20 marks**
Twelve short answer type questions, each carrying two marks, covering all units, out of which ten are to be answered. (Some of the questions should be of reasoning type, answers of which are to be written in two or three sentences)

Q. 4 Short Answer Type Questions with alternatives : **3×3 = 9 marks**
Five short answer type questions (answers of which will be within six sentences), each carrying three mark, covering all units, out of which three are to be.

Group-C (Long Answer Type)

Q.5 to Q.7 : **7×3 = 21 marks**
Six long answer type questions, each carrying seven mark, covering all units, out of which three are to be answered unit wise.

INFORMATION TECHNOLOGY (PRACTICAL)
+ 2, 1st Year Arts
(Detailed syllabus)

1. Use of DOS commands (Internal and external)
2. Working with Windows
3. Use of MS OFFICE
4. Development of C-programming as per Unit-III

Books Prescribed :

Bureau's Higher Secondary (+2) Information Technology, Practical, Published by Odisha State Bureau of Text Book Preparation & Production

QUESTION PATTERN AND DISTRIBUTION OF MARKS
INFORMATION TECHNOLOGY (PRACTICAL)
+ 2, 1st Year Arts (For College Level Exam)

Full Mark : 30

Time : 3 Hrs.

1. Experiment - 20 Marks
(Gr .A: Use of DOS/ MS OFFICE, working with windows-10 marks)
(Gr. B Development of C- programming)
2. Viva-voce - 5 Marks
3. Record - 5 Marks

INFORMATION TECHNOLOGY (THEORY)

+ 2, 2nd Year Arts
(Detailed syllabus)

No. of Periods: Yearly-80

UNIT-I :

20 Periods

(B) Introduction to Internet :

Internet Backbones & Its Features, Internet Access Dial-Up Connection, Direct Connection & Broadband Connection, Role of ISP , Function of Hub, Switch, Bridge, Router, Repeater & Gateways in Internet, Internet Protocols----TCP/IP, FTP, HTTP, TELNET, Gopher & WAIS, Internet Addressing IP address, domain names, E-mail Address & URLs, Distinction between Internet , Intranet & Extranet.

b) Internet Application :

WWW, Web Sites & Web Pages, Web Browsing & Web Browsers, Search Engine, File Downloading & Uploading, Chatting, Internet Relay Chat(IRC), E-mail & its features, Mailing Lists & Newsgroups, Internet Telephony System.

UNIT-II :

30 Periods

a. Introduction to Database Management System :

Basic Concepts Of Database Design, Components Of Database Design, Database & Its Features, Data Normalization, Normal Forms 1st , 2nd & 3rd Normal Forms, DBMS & Its Types, Advantages Of DBMS, Data Warehousing Definition, Different Layers, Components, Advantages, & Applications Area, Data Mining Definition, Its Evolution, Technologies Used in Data Mining, Advantages, Application Area , Geographical Information System ---- Definition, Components, Advantages, Uses & Application Area, E-Commerce --- Definition, Its Types With Advantages, Disadvantages, Application Area.

b. Network Security On Internet :

Threats & Prevention From Viruses, Worms Trojan Horse, Spams, Use of Cookies, Protection Using Firewall, Proxy Server, Concept of Public Keys & Private Key, Use of Digital signature, VPN.

c. Cyber Crime:

Definition & its Types --- Cyber Talking, Hacking, software Piracy, On-line Fraud, Pornography, Spooling, Cyber Laws, India IT Act related to Cyber Laws, Intellectual Property Rights Issues.

UNIT- III

30 Periods

a) Introduction to Visual Basic & Development Environment:

Object-oriented programming feature, Visual Basic and the integrated development environment, VB programming process, project Explorer, form layout, Creating application, Project & interface, VB intrinsic controls, Working with controls , From design , Development environment and customization, SDI & MDI customization & applications

b) Introduction to VB language :

Data Types, variable, Operators, Expressions, General statements & Control statements, Arrays, Built-in function & Procedures, Control Arrays & User-defined procedures, Creating & Calling Function.

Books Prescribed :

Bureau's Higher Secondary (+2) Information Technology, Part-II, Published by Odisha State Bureau of Text Book Preparation & Production

QUESTION PATTERN AND DISTRIBUTION OF MARKS
INFORMATION TECHNOLOGY (THEORY)
+ 2, 2nd Year Arts (For H.S. Exam - 2015)

Full Mark : 70

Time : 3 Hrs.

Group-A (Objective Type)

Q. 1 Compulsory : **1×10 = 10 marks**
Ten multiple choice answer type questions, each carrying one mark, covering all units.

Q. 2 Compulsory : **1×10 = 10 marks**
Ten one word answer / very short answer / correct sentences / fill in the blank type questions, each carrying one mark, covering all units.

Group-B (Short Answer Type)

Q. 3 Short Answer Type Questions with alternatives : **2×10 = 20 marks**
Twelve short answer type questions, each carrying two marks, covering all units, out of which ten are to be answered. (Some of the questions should be of reasoning type, answers of which are to be written in two or three sentences)

Q. 4 Short Answer Type Questions with alternatives : **3×3 = 9 marks**
Five short answer type questions (answers of which will be within six sentences), each carrying three mark, covering all units, out of which three are to be.

Group-C (Long Answer Type Questions with alternatives):

Q.5 to Q.7 : **7×3 = 21 marks**
Six long answer type questions, each carrying seven mark, covering all units, out of which three are to be answered unit wise.

INFORMATION TECHNOLOGY (PRACTICAL)
+ 2, 2nd Year Arts
(Detailed Syllabus)

1. Working with Internet
2. Using front page express for web page designing
3. Use of MS- Access (creation, insertion, deletion,& updation of data file forms ,query and report
4. Simple applications using VB as per Unit-III of theory

Books Prescribed :

Bureau's Higher Secondary (+2) Information Technology, Practical, Published by Odisha State Bureau of Text Book Preparation & Production

QUESTION PATTERN AND DISTRIBUTION OF MARKS
INFORMATION TECHNOLOGY (PRACTICAL)
+ 2, 2nd Year Arts (For H.S. Exam - 2015)

Full Mark : 30

Time : 3 Hrs.

1. Experiment - 20 Marks
(Gr.A : Working with internet/Web designing/ MS-Access -10 marks)
(Gr. B : Application of VB -10 marks)
2. Viva-voce - 5 Marks
3. Record - 5 Marks

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