

## Revised Syllabus for 2020-21

**ALTERNATIVE ENGLISH**  
**( Arts/Science/Commerce Stream)**  
**(Detailed Syllabus)**  
**FIRST YEAR**  
**(No of Periods 50)**

### **Unit -I Prose**

- i. The Adventure of Learning
- ii. Men and Women
- iii. Modern Living .

### **Unit -II Poetry**

- i. Ecology (A.K.Ramanujan)
- ii. Dog's Death (John Updike)
- iii. The Fog (W.H.Davies)

### **Unit -III Short Stories**

- i. The Rainbow-Bird (Vance Palmer) xi
- ii. The Eyes Have it (Ruskin Bond) xii

### **Unit -IV One-Act Plays**

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

### **Unit-V GRAMMAR & USAGE**

- i. Tense and Aspect
- ii. Modals
- iv. The Passive
- v. Prepositions and Phrasal Verbs

**SECOND YEAR**  
**(No.of Periods-50)**

### **Units -I Prose**

- |                                |      |
|--------------------------------|------|
| i. The Wonder World of Science | v    |
| ii. Our Environment            | vii  |
| iii. The World of Business     | viii |

### **Unit -II Poetry**

<b>SI. No.</b>		<b>Units</b>
i. Indian Children Speak (Juanita Bell)		vi.
ii. The Goat Paths (James Stephen)		vii
iii. Of a Questionable Conviction (Jayanta Mahapatra)		viii

### **Short Stories**

#### **Units to be studied :**

<b>SI. No.</b>		<b>Units</b>
i.	The Tree (Manoj Das)	xv
ii.	The Watch Man (R.K.Narayan)	xvi

**One Act Plays****Units to be studies****SI. No.**

i. The Hour of Truth (Pefciva! Wilde)

**Units**

xix

**C. GRAMMAR & USAGE**

- i. Revision of Tense and Aspect'
- ii. Revision of Prepositions and Phrasal Verbs .
- iii. Linking Devices

Books Prescribed : Approches to English-I  
Approches to English-II

**Published by - Odisha State Bureau of Textbook Preparation & Production,  
Pustak Bhavan Bhubaneswar.**

N.B : No Change in Question Pattern

# **Revised Syllabus for the session 2020-21**

## **ANTHROPOLOGY ELECTIVE, FIRST YEAR THEORY**

**Full Mark-70**

### **UNIT-I**

**22 period**

- a) Definition and scope of anthropology, Major Branches of Anthropology, Inter relationship with other disciplines, (Sociology, Psychology, History, Economics, Political Science, Geology).
- b) Definition and Scope of Prehistoric Archaeology, Geological Time Scale  
Tool Type: Chopper, Chopping Tool, Cleaver, Hand axe, Point, Scraper, Blade, Microliths, Axe, Adze  
Bone Tools: Needle, Harpoon, Fish Hook, Arrow straightners, Lancets, Dart Thrower.  
Tool Techniques: Block-on-Block Technique, Stone Hammer Technique, Cylinder Hammer  
Technique, Pressure Flaking Techniques, Grinding and Polishing Techniques.

### **UNIT -II**

**23 Periods**

- a) Primitive Religion: Definition & Function of Religion, Theories of Religion : Animism and Animatism.  
Magical Practices: Sorcery and Witch Craft,  
Magico Religious Functionaries : Shaman and Priest  
Comparision of Magic, Religion and Science
- b) Social Stratification : Class, Caste and Varna, Criteria of Class Distinctions, Caste System in India, Features and Functions, Changes in Caste System in modern India.
- c) Primitive Law and Political Organization, Definition of Law, Supernatural Legal Devices- Divination, Conditional Curse ,Ordeal and Oath.

### **UNIT-III**

**12Periods**

- Definition and Scope of physical anthropology Branches of Physical Anthropology.
- Man's place in the
- Animal Kingdom, Anatomical differences between Ape and Man.

## **PRACTICAL**

**Full Mark-30**

- I) Drawing and description of the following lithic tools (Total Ten Tools) 10 Marks
  - a) Paleolithic 6 Periods
  - b) Mesolithic
  - c) Neolithic
- II) Census-students are required to submit filled in household census schedule 10 Marks from five households 6 Periods
- Or
- Museum Study-Students to visit any museum and write a report
- III) Practical Record 5 Marks
- IV) Viva Voce 5 Marks

## **SECOND YEAR**

### **THEORY**

Full Mark-70

#### **UNIT-1 (SOCIAL ORGANISATION)**

**18 Periods**

- a) deleted
- b) **Family** : Definition, Feature and Functions, Types of Family : on the basis structure, on the basis of residence, on the basis of authority, on the basis of descent.
- c) **Marriage** : Definition, Forms of marriage - monogamy, polygamy (Polygyny and Polyandry), Polygyny - Sororal and Non sororal, Polyandry, Fraternal & Non Fraternal,  
Familial Polyandry.  
**Marriage Rules** - Exogamy and Endogamy, Hypergamy and Hypogamy, Levirate and Sororate, Cross Cousin and Parallel Cousin marriage, Bride Price and Dowry.
- d) **Kinship** - Definition, category of Kins-Consanguineal and affinal, Degree of Kinship: Primary, secondary & tertiary, Kinship Terminology - Classificatory and Descriptive, Descent and Rules of Descent  
**Descent Group** - Lineage, Clan, Phratry, Moiety, Kinship Usages-Avoidance, Joking Relationship, Teknomy, Avunculate, Amitate and Couvade.
- e) deleted

#### **UNIT-II (PHYSICAL ANTHROPOLOGY)**

**20 Periods**

- Study of Fossils: Australopithecine, Homo Erectus - Pithecanthropus Erectus and Sinanthropus
- Pekinesis, Neanaderthal Man, Homo sapiens - Cromagnon Man. Major Theories of Organic Evolution
- Lamarckism, Darwinism, Neo Darwinism.

#### **UNIT - III (INDIAN PREHISTORY)**

**17 Periods**

Paleolithic Culture of India, Mesolithic Culture of India, Neolithic Culture of India,

**PRACTAL Full Mark- 15 Periods**

I) Identification of ABO Blood Group of Ten Individuals 5 Mark 5 Periods

OR

Craniometric Measurement of Five skulls and Mandibles

- a) Maximum cranial Length
- b) Maximum cranial Breadth
- c) Minimum Frontal Breadth
- d) Basion Bregma Height
- e) Bigonial Breadth

II) Somatometric Measurement of Five individuals 5 Mark 5 Periods

- a) Maximum Head Length 5 Periods
- b) Maximum Head Breadth

- c) Bonygomatic Breadth
- d) Morphological Facial height
- e) Nasal Length
- f) Nasal Breadth

III) Osteometry 10 Mark

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 Mark

V) Viva Voce

**BOOK PRESCRIBED:**

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

**N.B : No Change in Question pattern**

**Revised Syllabus of CHSE(O) for 2020-21 Session**  
**M.I.L. (BENGALI)**  
**(Compulsory)**  
**First Year**

**LANGUAGE - 50 MARKS**

**UNIT - I      Grammar = 30 Marks**

- 1 deleted
- 2. Synonym / Antonym (with alternatives)  $2 \times 5 = 10$
- 3. Proverbs and Idioms (with alternatives) -  $2 \times 5 = 10$

**UNIT - II      Deleted**

**UNIT - III      (Composition) - Letter writing = 10**

(Personal letters Friends and Parents with alternatives)

**LITERATURE - 50 MARKS**

**UNIT - IV Text book Prescribed**

- 1. Prose one question one explanation  $15 = Q + 2 + 2 + 2 + 4$  Expl - 5
- 2. Poetry - one question on explanation  $15 = Q = 2 + 2 + 2 + 4$  Expl = 5  
(Alternatives will be given)

**UNIT - V Novel (one question)  $5 + 5 = 10$**

**UNIT - VI Essay (one out of three) 10**

**Books Prescribed :**

**PROSE :**

Uchha Madhyamik Bangla Sankalan. (Gadya) for Class XI & XII. Published by Paschim Banga Uchha Madhyamik Siksha Sansad, Viswa Varati.

The following pieces are to be studied in the first year:

- 1. Bangadeshe Nilkar - Pyarichand Mitra.
- 2. Sitar Banabas - Iswarchandra Vidyasagar.
- 3. Bisarjan - Bankimchandra Chattopadhyay
- 4. Sudra gagan - Swami Vivekananda.

**UNIT - II**

**POETRY:**

Madhukari - Kalidas Ray

(Published by Orient Book Company, Kolkata -12)

The following pieces are to be studied in the first year:-

- 1. Srigoura Chandra - Gobinda das kabiraj.
- 2. Bhabollas - Vidyapati
- 3. Premer Tulana - Durija Chandidas
- 4. Avigir Akshep - Gyandas

**UNIT - III**

**NOVEL - (Non-Detailed)**

Deleted

**UNIT - IV**

**Grammar**

Proverbs and Idioms, Sentence and word formation Anonyms and Synonyms.

### **Distribution of Marks of Unit wise :-**

#### **Unit - I Prose**

- A. Two short Answer type questions with alternatives Q 1 - 2+2+2+4 = 10
- B. One explanation with alternatives Expl - 5
- C. Five very Short Answer type questions with alternative

#### **Unit - II Poetry**

- A. Two short Answer type Questions with alternative- 2 x 5 =10
- B. One explanation with alternative
- C. Five very short answer type questions with alternative

#### **Unit - III Novel (Non datail) -**

- A. Four short answer type Question with alternative Q 4 x 10 = 40

#### **Unit - IV Grammar & Essay - Q 1x10 = 10**

- A. Grammar objective type 10 Questions with alternative containing 2 marks 5 =10
- B. Essay/ One essay with three alternatives – 10

**M.I.L. (Bengali)**  
**SECOND YEAR**  
F.M. - 100  
Time - 3 hrs.

The examination shall be conducted at the end of XII Class at Council level.

#### **Books Prescribed:**

#### **UNIT - I PROSE :**

Uchha Madhyamik Bangia Sankal"an (Gadya) for Class XI & XII.

Published by Paschim Banga Uchha Madhyamik Siksha Sansad, Viswa Varati.

The following pieces are to be studied in the Second year :-

- 1. Bangia Bhasa - Haraprasad Sastri
- 2. Tota Kahini - Rabindranath Tagore
- 3. Naisha Avijaa - Sarat Ch. Chattopadhyay
- 4. Deleted

#### **UNIT - II Madhukari - Kalidas Ray**

(Published by Orient Book Company, Kolkata -12)

#### *Pieces to be Studied:*

- 1. Baisakh - Oebendra Nath Sen
- 2. Lohar Byatha - Jatindra Nath Sengupta
- 3. Deleted
- 4. Rupai - Jasimuddin

#### **UNIT - III NOVEL - (Non-detailed Study)**

Deleted

#### **UNIT - IV Grammar and Essay**

- (i) Pada Paribartan
- (iii) Somo chharita-Bhinna Thark Sobda and its application in sentences.  
(in Composition letter writing and proverb )

### **Distribution of marks of unit wise :-**

There shall be four units.

#### **Unit - I Prose**

- A. Two short Answer type questions with alternatives -
- B. One explanation with alternatives -
- C. Five very Short Answer type questions with alternative-

#### **Unit - II Poetry**

- A. Two short Answer type Questions with alternative
- B. One explanation with alternative
- C. Five very short answer type questions with alternative

#### **Unit - III Novel (Non detail) -**

- A. Four short answer type Question with alternative

#### **Unit-IV Grammar & Essay-**

- A. Grammar objective type 1.0 Questions with alternative containing. 2 marks each
- B. Essay/ One essay with three alternatives -

#### **M.I.L. (BENGALI)**

**2ND YEAR, TIME 3 HRS. MAXIMUM MARKS = 100**

**LANGUAGE = 50 MARKS**

#### **UNIT - I Grammar = 30 Marks**

- 1. Samas (Dawanda Samas, Bahubrihi  $2 \times 5 = 10$  and Karmadharayan
- 2. Synonym / Antonym (with alternatives)  $2 \times 5 = 10$
- 3. Proverbs and Indioms (with alternatives) -  $2 \times 5 = 10$

#### **UNIT - II Amplification (Bhabsamprasaran) (2) $5 \times 2 = 10$**

#### **UNIT - III (Composition) - Letter writing = 10**

(Personal letters Friends and Parents with alternatives)

**LITERATURE - 50 MARKS**

#### **UNIT - IV Text book Prescribed**

- 1. Prose one question one explanation  $15 = Q + 2 + 2 + 2 + 4 = 15$  Expl - 5
- 2. Poetry - one question on explanation  $15 = Q = 2 + 2 + 2 + 4 = 15$  Expl = 5  
(Alternatives will be given)

#### **UNIT - V Novel (one question) $5 + 5 = 10$**

#### **UNIT - VI Essay (one out of three) 10**

#### **UNIT - IV**

#### **Grammar**

Proverbs and idioms, Sentence and word formation Annonyms and Synonyms.

### **Distribution of Marks of Unit wise :-**

#### **Unit - I Prose Q 1 - $2+2+2+4 = 10$ + Expl - 5 = 15**

- A. Two short Answer type questions with alternatives.
- B. One explanation with alternatives
- C. Five very Short Answer types questions with alternative

#### **Unit - II Poetry**

- A. Two short Answer type Questions with alternative
- B. One explanation with alternative
- C. Five very Short Answer type questions with alternative

#### **Unit - III Novel (Non detail)-**

- A. Four short answer type Question with alternative

#### **Unit - IV Grammar & Essay -**

- A. Grammar objective type 10 Questions with alternative containing

B. Essay/ One essay with three alternatives -

**M.I.L (Bengali)  
SECOND YEAR**

F.M. - 100

Time - 3 hrs.

The examination shall be conducted at the end of XII Class at Council level.

**Books Prescribed:**

**UNIT-I PROSE:**

Uchha Madhyamik Bangia Sankal"an (Gadya) for Class XI & XII.

Published by Paschim Banga Uchha Madhyamik Siksha Sansad, Viswa Varati.

*The following pieces are to be studied in the Second year :-*

1. Bangia Bhasa - Haraprasad Sastri
2. Tota Kahini - Rabindranath Tagore
3. Naisha Avijaa - Sarat Ch. Chattopadhayay
4. Aranyak - Bibhuti Bhushan Bandopadhyay

**UNIT - II POETRY :**

Madhukari - Kalidas Ray

(Published by Orient Book Company, Kolkata -12)

*Pieces to be Studied:*

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

**BENGALI  
ELECTIVE  
FIRST YEAR**

There shall be one paper carrying 100 marks and of three hours duration in elective Bengali in the first year consisting of our units.

The Examination of the first year shall be conducted at the end of the XI class at college / H.S. School level.

Detailed Study : (To be taught in the 1st Year)

**UNIT-I**

**Poetry:**

Naibedya - Rabindranath Tagore the following pieces to be studied -

1. Pratidina Ami He Jibonswami
20. Tomaro Pataka Jare dao
27. Dehe Ar Mare prane
50. E Durbhagya Desh Hote

**UNIT - II**

Deleted

**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****Grammer:**

Proverb and Idioms Common errors in words

**Mark distributions:****UNIT-I**

Two Long question with alternative

One Explanation / Short type questions with alternative

**UNIT-II**

One Long question

One Short questions / Explanation

**UNIT-III**

One long question

One short Answer type question

**UNIT-IV**

Grammer

**Proverb & Idioms Errors****SECOND YEAR**

There shall be one paper carrying 100 marks and of three hours duration in elective.Bengali in the first year consisting of four units.

The Examination of the first year shall be conducted at the end of the XII class at college / H.S. School level.

Detailed Study : (To be taught in the 1st year)

**UNIT-I**

Naibedya - Rabindranath Tagore

Pieces to be studied -

30. Bairagya Sndhna Mukti
45. Je Bhakti Tomare Loyer
72. Chitta Getha Bhayashunya
90. Mrityno Angyata Mor

**UNIT-II**

Deleted

**UNIT-III****Short - Story**

Galpa Guchha By Rabindra Nath Tagore.

Pieces to be taught:

Post Master, Dena paona, Bartan, Kabaliwala

**UNIT-IV**

Grammer

Alankar - Arupras, Yamak, Slesha, Upama, Rupak,

(In composition letter writing and proverb are included)

**Make distributions :**

**UNIT-II**

Two Long question with alternative  
One Explanation / Short type questions  
with alternative

**UNIT-II**

**History of Bengali Literature**

Two Long question with alternative

**UNIT-III**

**Short Story**

Two Long question with alternative

Two Long question with alternative

One short Answer type question

**UNIT-IV**

**Grammer**

(i) Defination

(Short Answer type Question)

(ii) Eassy

**Question Pattern & Distribution of Marks**

**Group - A**

**(Objective type)**

(i) Multiple choice Ten questions from Unit - I, II & IV  $1 \times 10 = 10$

(ii) One Word Answer type fifteen questions from Unit - I II & IV  $1 \times 15 = 15$

(iii) Correct the sentences ten questions from Unit - IV  $1 \times 10 = 10$

(iv) Fill in the blanks five questions from Unit - I, II & IV  $1 \times 05 = 05$

**Group - B**

**(Short answer type)**

(i) Short four to five lines answer type five questions from Unit - I, II, III  $3 \times 15 = 15$

(Eight questions may be asked)

(ii) Explain only (only with in two to three sentences) from Unit - I, II  $3 \times 5 = 15$

(Eight questions may be asked)

**Group - C**

**(Long answer type)**

(i) Long ten to twelve line answers type six questions from Unit - I, II, III  $5 \times 6 = 30$

(Ten questions may be asked)

**Total = 100**

Arts Stream 50

**Question Pattern & Distribution of Marks**

**Group - A**

**(Objective type questions)**

(i) Multiple choice (Proetry - I, Prose - II)  $1 \times 10 = 10$

(ii) One word answer (I, II & IV)  $1 \times 15 = 15$

(iii) Correct the sentences from text (II & IV)  $1 \times 10 = 10$

(iv) Fill in the blanks (I, II & IV)  $1 \times 05 = 05$

**Total Marks = 40**

**Group - B**

**(Short answer type questions)**

- (i) Short answer type 4-5 sentences from Unit - I, II, III  $3 \times 5 = 15$   
(Eight questions may be asked)
- (ii) Explain only (only with in two to three sentences) from Unit - I, II  $3 \times 5 = 15$   
(Eight questions may be asked)

**Total Marks = 30**

**Group - C**

**(Long answer type)**

- (i) Long ten to twelve line answers type six questions from Unit - I, II, III  $5 \times 6 = 30$   
(Ten questions may be asked)

**Total = 100**

# **Revised Syllabus for the session 2020-21**

## **Economics**

### **PAPER-I**

#### **INDIAN ECONOMY AND STATISTICS**

##### **A. INDIAN ECONOMY**

I. Status of Indian Economy	08 Periods 12 Marks
• Basic characteristics of contemporary Indian economy	
• Demographic features, Adverse effects of population growth and Population Policy of India	
II. Sectoral Development	10 Periods 15 Marks
• Agriculture- Importance, low productivity and its causes, Green Revolution, present agricultural situation .	
• Industry - Importance, Industrial Policies - 1991.	
• Infrastructure Social Infrastructure (Education and Health)	
III. Economic Planning and Economic Reforms	07 Periods 13 Marks
• Planning -Meaning, Need, Objectives and Achievements , Niti Ayog	
	15 Periods 20 Marks
IV. Current Challenges Facing the Indian Economy Poverty - absolute and relative poverty, causes of poverty, important poverty alleviation programmes currently in place	
▪ Unemployment and underemployment - causes, dimensions and government programmes currently in place.	
▪ Inflation - causes and anti-inflationary measures in place.	

##### **B. STATISTICS FOR ECONOMICS**

##### V. Introductory Statistics

- Meaning, scope, importance, uses and limitations of statistics in economics .
- Sources of statistical data- primary and secondary sources, NSSO and Census of India as sources of secondary data in India.

- Methods of collection of primary data - census and sampling methods and their relative merits and demerits

## VI. Frequency Distribution

- Meaning and types of variables and frequency distribution.
- Organisation of Data-Basics, Presentation of data - Tabular and diagrammatic presentation, Bar diagram, Pie diagram, Histogram, Frequency Polygon, Ogives, line graphs, Historograms.

## VII. Statistical Methods -1

14 periods /15 marks

- Measures of Central Tendency- Simple and Median, Mode

# **Paper-II**

## **Elementary Micro and Macro Economics**

### **1. INTRODUCTORY MICRO ECONOMICS**

#### I. Introduction

- Definition, scope and subject matter of economics.
- Meaning of economy and central problems of an economy- scarcity and choice, what, how and for whom to produce ?
- Basic concepts - wants, utility, goods, value, price and wealth.

#### II. Consumption and Demand

14 Periods

15 Marks

- Laws of consumption - marginal and total utility, law of diminishing marginal utility, law of equimarginal utility and conditions of consumer's equilibrium
- Demand - meaning and determinants, individual and market demand, demand schedule and demand curve, movement along and shifts in the demand curve.
- Price elasticity of demand - concept, determinants, measurement of price elasticity of demand; percentage and geometric methods (linear demand curve), relation of price elasticity of demand with total expenditure.

#### III. Production

- Meaning of production and production function - short run and long run.
- Total, Average and Marginal Product.
- **Law** of variable proportions and returns to a factor .

**IV. Cost, Revenue and Supply** (12 periods/15 marks)

- Cost- money and real cost, implicit and explicit cost, fixed and variable cost, Total, average and marginal costs in the short run and their relationship (simple analysis)
- Revenue- Total, average and marginal revenue and their relationship
- Supply - meaning and law of supply

**V. Market**

2. Meaning and forms of market, pure and perfect competition, price determination under perfect competition and effects of shifts in demand and supply
- Meaning and features of monopoly, monopolistic competition and oligopoly .

## **B. INTRODUCTORY MACRO ECONOMICS**

**VI. Introduction 4period / 5marks**

- Meaning of macroeconomics, Distinction between macro-and

**VIII. Public Finance**

1. Meaning of Public Finance and Difference between public and private finance .
2. Budget - Meaning and objectives, balanced and unbalanced budget, surplus and deficit budget.

### **BOOK PRESCRIBED:**

**Bureau's Higher Secondary (+2)Economics, Part-I & Part-II Published by Odisha State Bureau of Textbook Preparation & Production, Bhubaneswar**



## **Revised Syllabus for session 2020-21**

### **EDUCATION ELECTIVE**

**(First Year)**

**Theory - 70 marks & Practical - 30 marks.**

#### **Theory Paper - I**

#### **FOUNDATIONS OF EDUCATION – I**

##### **Unit I : Fundamentals of education. 14 periods**

Meaning of education

Aims of education- Individual, Social, Democratic,& Vocational, Functions of education

Agencies of education- Formal, Informal, Non-formal; Active & Passive.

##### **Unit II: Fundamentals of educational psychology. 14 periods**

Meaning, Nature & Scope of educational psychology.

Importance of educational psychology for the teacher.

Growth & Development - Meaning, General Principles, & factors affecting Growth & development.

##### **Unit III: Education & Society 14 periods**

Relationship between education & society.

Education for social change &

Education for citizenship

Globalization & its impact on education.

##### **Unit IV : Methods of teaching. 14 periods**

(Any one of the following method subjects English, Odia, Mathematics,

History, Geography, & General Science.)

Aims & Objectives

Methods of teaching applicable for elementary level.

Objective based and objective type of test items: meaning & principles of construction.

#### **PRACTICAL (60 periods)**

A - Preparation of five lesson plans in the selected method subject in 5E approach . 30 periods

B - Preparation of fifteen objective type test items, 5 each pertaining to knowledge, comprehension & skill objectives on a particular topic of the selected method subject

#### **BOOKS RECOMMENDED:**

1. Bureau Uchcha Madhyamik Siksha (in Odia)

2. Bureau's Higher Secondary Education I.

## **EDUCATION ELECTIVE**

**(Second Year) Theory - 70 marks & Practical - 30 marks.**  
**Theory Paper - II**

### **FOUNDATIONS OF EDUCATION - II**

#### **Unit I : Contribution of educators: 14 periods**

- Mahatma Gandhi
- Pandit Gopabandhu Das
- Jean Jacques Rousseau

#### **Unit II: Learning & Motivation 14 periods**

- Meaning, nature and factors of learning.
- Theories of learning: Trial & Error theory, and Laws of learning.
  - Classical conditioning theory
  - Insightful learning

Motivation in learning - meaning, types & techniques of motivation.

#### **Unit III: Current Issues in Education. 14 periods**

- Universalization of Elementary Education (UEE) & RTE.
- Education for national integration
- Environmental education.
- Life skills education.

#### **Unit IV : Educational Statistics. 14 periods**

- Statistics: meaning, nature & uses.
- Frequency distribution.
- Measures of central tendency: Mean, Median, & Mode- meaning, calculation & uses.

### **PRACTICAL (60 periods)**

(To be examined by both external & internal examiners).

A. Each student will develop 5 lessons in 5E Approach

B. Preparation of five improvised teaching aids relating to the five lesson plans along with the improvised teaching aids records.

For final practical examination each student will prepare a model lesson plan and one TLM related to the topic of the lesson.

Practice teaching records & Improvised teaching aids records are to be submitted during the final examination.

### **BOOKS RECOMMENDED:**

1. Bureau Uchcha Madhyamik Siksha 2 (in Odia)
2. Bureau's Higher Secondary Education II.

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

**Revised Syllabus for session 2020-21**  
**ENGLISH**  
**( Arts/Science/Commerce Stream)**

**Yearly Period -70**

**+2 Ist year (Detailed Syllabus)**

**UNIT-I : PROSE**

- |                                |                        |
|--------------------------------|------------------------|
| i. Standing Up for Yourself    | Yevgeny Yevtushenko    |
| ii. The Legend behind a Legend | Hariharan Balakrishnan |
| iii. In London In Minus Fours  | Louis Fischer          |

**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 |

**Unit-III : NON DETAILED STUDY**

- |                        |             |
|------------------------|-------------|
| i. Three Questions     | Leo Tolstoy |
| ii. After Twenty Years | O. Henry    |
| iii. The Open Window   | Saki        |

**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. Using Graphics

**UNIT-V : GRAMMER**

- i. Modal Verbs
- ii. Prepositions
- iii. The Imperatives

**ENGLISH**  
**2nd Year ( No of Period reduced to 58)**

**UNIT-I : PROSE**

- i. My Greatest Olympic Prize
- ii. On Examinations
- iii. The Portait of a Lady

Jesse Owens  
Winston S. Churchill  
Khushwant Singh

**Unit -II : POETRY**

- i. Daffodils
- ii. The Ballad of Father Gilligan
- iii. A Psalm of Life

William Wordsworth  
William Butler Yeats  
Henry W. Longfellow

**Unit -III : NON DETAILED STUDY**

- i. The Doctor's Word
- ii. Mystery of the Missing Cap
- iii. . Stay Hungry. Stay Foolish

R.K. Narayan  
Manoj Das  
Steve Jobs

**Unit -IV : WRITING SKILLS**

- i. Interpreting Graph, Charts, Tables and diagrams etc
- ii. Reporting Events and Business Matters
- iii.. Extended Writing

**Unit -V : GRAMMAR**

- i. The Passive
- ii. Direct and Reported Speech
- iii. Interrogatives
- iv. Phrasal Verbs

Book Prescribed :*Invitation to English - 1,2,3 & 4* , Published by Odisha State Bureau of Text Book Preparation and Production, Bhubaneswar.

**Revised Syllabus for 2020-21**  
**GEOGRAPHY**

**+2 1ST YEAR (ARTS/SC)**

**Course Structure**

<b>Part/Unit</b>	<b>Topic of Chapter</b>	<b>Marks</b>
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**Unit-1 : GEOGRAPHY AS A DISIPLINE**

**04 PERIODS**

- Geography as an integrating discipline, as a science of spatial attributes
- Branches of geography, physical geography and human geography

**Unit-2 : THE EARTH**

- Origin and evolution of the earth; interior of the earth.
- Earthquake and volcanoes; cause type and effects.

**Unit-3 : LANDFORMS**

- Rocks: major types of-rocks and their characteristics.
- Geomorphic processes: weathering, , erosion and deposition, soil formation.

**Unit-4 : CLIMATE**

- Atmosphere: composition and structure, elements of weather and climate
- Insolation-angle of incidence and
- Pressure-pressure belts; winds-planetary, seasonal and and fonts; tropical and extra tropical cyclones.
- Precipitation-evaporation; condensation-dew, frost, fog, mist and , Rainfalltypes
- global warming and climatic changes.

**Unit-5 : HYDROSPHERE**

- .
- Oceans-distribution of temperature and salinity.
- Movement of ocean water-wave, tides and currents;
- .

**Unit-6 : BIOSPHERE**

- Biosphere-; biodiversity and conservation:
- Map work on identification of features based on 1 to 6 units on the outline/physical/political map of the world.

**Part-B : INDIA-PHYSICAL ENVIRONMENT****Unit-7 : INTRODUCTION**

**04 PERIODS**

- Location,

**Unit-8 : PHYSIOGRAPHY**

- Structure and relief; physiographic division (with special reference to odisha)
- .

**Unit-9 : CLIMATE, VEGETATION AND SOIL**

- Weather and climate-spatial and temporal distribution of temperature, pressurewind and rainfall,
- Natural vegetation-forest type and distribution, ; biosphere reserve. (with special reference to Odisha)
- Soils- major types (ICAR's clarification) and their distribution,

## **Unit-10 : HAZARDS AND DISASTERS:CAUSES CONSEQUENCES AND MANAGEMENT**

- Floods,
- Droughts: types and impact.
- OTBA

## **PART-C : PRACTICAL WORK 50 PERIODS**

### **Unit-1 : FUNDAMENTALS OF MAPS 20 PERIODS**

- 
- Maps- types; scales -types; construction of simple linear scale, measuring distance; finding direction and use of the symbol
- Map projection- latitude, longitude and time, typology construction and properties of projection conical with one standard parallel and

### **Unit-2 : TOPOGRAPHIC AND WEATHER MAPS 30 PERIODS**

- Study of topographic map (1:50,000 to 1:25,000 survey of India map); contour cross section and identification of landforms-slopes, hill, valley, waterfall, cliffs; distribution of settlements.
- Use of weather instruments: thermometer, wet and dry -bulb thermometer, barometer, wind vane, rain gauge

## **GEOGRAPHY SYLLABUS +2 2ND YEAR (ARTS/SC)**

### **A. FUNDAMENTALS OF HUMAN GEOGRAPHY**

#### **Unit 1 : Human Geography: Nature and Scope**

#### **Unit 2 : People**

Population-distribution, density and growth

Population change- spatial patterns and structure; determinants of population change;

Age-sex ration;rural-urban composition;

#### **Unit 3 : Human Activities**

Primary activities- Concept and ; gathering, pastoral, mining, subsistence agriculture.

Secondary activities- Concept; Manufacturing types household, small scale, large scale; agro based and mineral based industries; Tertiary activities- Concept;

Trade, transport and tourism; Services;

#### **Unit 4 : Transport, Communication and Trade**

Land Transport- Road, Railways; Water Transport- In-land

waterways; Air Transport- Intercontinental air routes Oil and gas pipelines

#### **Unit 5 : Human Settlements 10 Periods**

Settlement types- rural and urban, morphology of cities(, problems of human settlements in developing countries

### **Map Work 05 Periods**

Map work on identification of features based on 1-5 Units of outline/physical/political map of World

## **B. INDIA; PEOPLE AND ECONOMY 90 Periods**

### **Unit 6 : People 15 Periods**

Population: Distribution, density and growth; composition of population- sex, rural-urban and Migration: International, National-causes and consequences

### **Unit 7 : Human Settlements**

Rural Settlements- types and distribution

Urban Settlements- types, distribution and functional classification

### **Unit 8 : Resources and Development 30 Periods**

Geographical conditions and distribution of major crops(wheat, rice, tea, , sugarcane agriculture development and problems. Water Resources- availability and utilisation irrigation, domestic, industrial and other uses; scarcity of water and conservation methods rain water harvesting and water shade management.

Mineral and energy resources- Distribution of metallic (Iron ore, Bauxite, Non metallic(Mica, minerals; conventional (coal, petroleum, and non-conventional energy sources (, biogas) and conservation

Industries- Types, factor of industrial location; distribution and changing pattern of selected industries- iron and steel, cotton textile,

### **Unit 9 : Transport, communication and international trade**

Transport and communication- roads, railways, waterways and airways: Oil and gas pipelines;

### **Unit 10 : Population, settlement, resources & transport of Odisha**

Distribution of population

Mineral Resources (Iron, Buxite, Coal) forest resources

### **Map Work 05 Periods**

Map work on locating and levelling of features based on above units on outline map of India

## **C. Practical Work**

- Unit 1: (**Vertical bar diagram, Horizontal wheeldiagram**) and thematic mapping
- Unit 2: Field study of (**To submit a project**)
- Unit 3: Practical Record Book and Viva Voce

## **LANGUAGE -HINDI - II (ELECTIVE)**

**SECOND YEAR**

**DETIALED SYLLABUS**

**Time : 3 Hours F.M, - 100 Total Classes reduced to 56**

साहित्य साधना

पाठ्यपुस्तक प्रणयन संस्था, ओडिशा, भुवनेश्वर

### **UNIT - I**

काव्य : रश्मिरथी - दिनकर (केबल, ४, ६, ७ सर्ग)

### **UNIT - II**

तथा कहानियें की एक संकलन पुस्तक होगी

- गद्य : (i) बालमुकुन्द गुप्त - बनाम लर्ड कर्जन
- (ii) रामचन्द्र शुक्ल - करुणा
- (iv) हरशिंकर परसाई - भेड़े और भेड़ियें

### **UNIT - III**

कहानी : (i) अज्ञेय - शरणदाता

(ii) दशापाल - आदमी का बच्चा

(iv) मल भंजरी - नई नौकरी

### **UNIT - IV**

- ब्यकरण : (i) संज्ञा, लिंग, बचन,
- (i) अनुवाद, (पॉच अंग्रेजी वाक्यों का हिंदी में अनुवाद)

**Hindi (Elective)**

**Language : Hindi-I (Elective)**

**First year**

### **Detailed syllabus**

**Time : 3 hours Full Marks – 100 Total Classes reduced to 56**

### **Unit - I**

उपन्यास :

प्रमचन्द - निर्मला

### **Unit - II**

नाटक :

प्रसाद - धृचस्वामिनी

### **Unit - III**

साहित्यिक विधाएँ :

उपन्यास, कहानी, नाटक, जीवनी,

(i) कारक - विभक्ति

( ii ) वाक्य रचना

संदर्भ पुस्तकें

- 1 . गुलाब रा - कारके रूप
- 2 . हजारी प्रसाद द्विवेदी - साहित्य सहचर
- 3 . वासुदेवनन्दन प्रसाद - हिन्दी व्याकरण और रचना

## **Revised Syllabus for session 2020-21**

### **M.I.L (HINDI) - I**

#### **First Year**

#### **DETAILED SYLLABUS**

**Time - 3 Hours Full Marks – 100**

**No. of Classes reduced to 56**

पाठ्य पुस्तक : अमृत भारती, भाग - 1

Published by Odisha State Bureau of Textbook Preparation and Production.

#### **Unit - I : अपठित गद्यांश / काव्यांश : (15)**

- (1) अपठित गद्यांश - बोध (गद्यांश पर आधारित बोध, प्रयोग, रचनान्स, शीर्षक पर आधारित सछूतरी प्रश्न -
- (2) काव्यांश पर आधारित अति सछूतरी प्रश्न -

#### **Unit - II : कार्यालयी हिन्दी और रचनात्मक लेखन**

1. संक्षेपण
2. निबंध लेखन
3. व्याकरण
  - i) उपसर्ग और प्रत्यय
  - ii) किया
  - iii) काल

#### **Unit- III : काव्य भाग**

- i) कबीरदास - दोहे
- ii) सूरदास बाल लीला
- iii) मीरा - पद्
- iv) बिहारी - दोहू
- v) सुमित्रानंदन पंत - भारतमाता
- vi) नागार्जुन - बहुत दिनों के बाद
- vii) अशेय - हीरोशिमा
- viii) दुष्टन्त कुमार - हो गई है पीर पर्वत - सी
- ix) केदारनाथ सिंह - रोटी

- प्रश्न :
- i) विकल्प चयन -
  - ii) एक वाक्य में उत्तर -
  - iii) दो वाक्यों में उत्तर -
  - iv) तीन वाक्यों में उत्तर -
  - v) दीर्घ उत्तर -

### **Unit- IV : गद्य भाग**

- i) प्रेमचंद - जीयन मे साहित्य का स्थान
- iii) रामधारी सिंह 'दिनकर' - ईर्ष्या, तु न गई मेरे मन से
- iv) रामविलास शर्मा - अतिथि प्रश्न - पद्य पाठ के अनुस्प

### **Unit- V : काहानी**

- i) प्रेमचंद - बूढ़ीकाकी
- ii) जयशंकर प्रसाद - ममता
- iii) भगवतीचरण यर्मा - कुंवरसरहब का कुता
- iv) उदयप्रकाश - अपराध  
प्रश्न - दीर्घ उत्तरमूलक 2 प्रण

## **M.I.L (HINDI) - II**

### **Second Year**

### **DETAILED SYLLABUS**

**Time - 3 Hours Full Marks – 100 Total Classes reduced to 56**

पाठ्य पुस्तक : अमृत भारती, भाग - 2

Published by Odisha State Bureau of Textbook Preparation and Production.

### **Unit - I : अपठित अंश । गद्य एवं पद्य**

- i) गद्यांश - बोध, प्रयोग, रचना, शीर्षक आदि पर लघूतात्मक प्रश्न
- ii) पद्यांश - बोध, मर्म आदि पर लघूतात्मक प्रश्न

### **Unit - II**

(क) प्रयोजनमूलक हिन्दी और रचना :

- i) पल्लवन
- ii) पत्र - लेखन

(ख) व्याकरण

- i) लिंग
- ii) वचन
- iii) संज्ञा - विशेषण के प्रयोग

### **Unit - III :**

काव्य :

प्रश्न :

- ii) तुलसी दास - राम- विमीषण मिलन
- i) विकल्प चयन

- |                          |                              |                           |
|--------------------------|------------------------------|---------------------------|
| iii) मैथिलीशण गुप्त      | - नर हो, न निएश करो मन को    | iii) दो वाक्यों में उत्तर |
| iv) निराला               | - वीणा वादिनी वट है, बादल एग |                           |
| vi) सुनन्दा कुमारी चौहान | - सॉसी की रानी               | iv) तीन वाक्यों में उत्तर |
| vii) मुक्ति बोध          | - पूँजीवादी समाज के प्रति    | v) दीर्घ उत्तर            |
| viii) मंगलेशडबराल        | - ताकत की दुनिया             |                           |

#### **Unit - IV : गद्य पाठ :**

- i) बालकृष्ण भट्टु - आत्मानिर्भरता
  - iii) शरह जोशी - दुम जाओगे, अतिथि
  - iv) बचेन्द्र पाल - एवरेस्य : मेरी शिखर यात्रा
- प्रश्न : पद्यपाठ के अनुरूप

#### **Unit - V :**

- i) अज्ञेय - खितिन बाबू
- ii) मोहन एकेश - परमात्मा का कुत्ता
- iv) भारत भुषण अग्रवाल - महाभारत की एक सॉँझ

# **Revised Syllabus for the session 2020-21**

## **HISTORY**

### **First Year (Paper-I) History of the World**

#### **UNIT-I**

1. History : Meaning and Relevance **(15 periods 25 Marks)**

2. Contributions of Ancient River Valley Civilisation :

- a) Egypt
- b) Mesopotamia
- c) China

#### **UNIT – II**

**(6 periods 15 Marks)**

1. Ancient Greece :

- a) Age of Pericles.

2. Ancient Rome :

- a) Julius Caesar : Achievements

#### **UNIT – III**

**(15 periods 25 Marks)**

1. Major religions :

- a) Christianity
- b) Islam

2. Science and Changing Cultural Traditions in Europe between 11th and 17th Centuries : New Ideas and New Trends in Science, Literature and Art.

#### **UNIT-IV**

**(8 periods 15 Marks)**

1. Innovations and Technological changes : Industrial Revolutions.

2. French Revolution of 1789 : Causes and Significance.

#### **UNIT-V**

**(12 periods 20 Marks)**

1. World War-I : Causes and Consequences.

2. Russian Revolution of 1917 : Causes and Significance.

3. Events leading to the World War-II.

4. United Nations : Origin, Objectives and Structure.

## **2nd Year (Paper-II)**

### **History of India**

#### **UNIT-1**

**(15 periods 25 Marks)**

1. Sources of Indian History : Archaeological, Literary, Foreign Accounts and Archival

2. Foundation of Indian Culture :

- a) Harappan culture : Discovery, Geographical extent, Town planning, Structures, Agriculture, Domestication of Animals, Technology and Craft, Trade, Contact with distant lands, Scripts, Weights, Measurement, Religious beliefs, Seals.
- b) Rig Vedic and Later Vedic Age - Socio-Economic life, Political organization, Religious Beliefs, Position of Women.

3. The Earliest states : Sixteen Mahajanapadas.

**UNIT-II** **(15 periods 25 Marks)**

1. Religious Movements of Sixth Century B.C. - Jainism and Buddhism : A critical evaluation of the Teachings, Contribution to Indian culture,
2. Kalinga War - Causes and Effects; Mauryan Administration.
3. Cultural Attainments of the Gupta Age.

**UNIT-III** **(4 periods 10 Marks)**

1. Sufi and Bhakti Movements: Tenets, Impact on Indian Society.

**UNIT-IV** **(16 periods 25 Marks)**

1. British Economic Policies in India (1757-1857 A.D.) : Commercial Policy, Drain of Wealth, Development of means of Transport and Communication; Revenue Policy.
2. Revolts against British Colonialism, Khurda Rebellion of 1817, Santal Rebellion (1855-56), The Great Indian Revolt of 1857.
3. Mahatma Gandhi and National Struggle for Independence :
  - a) Non-Cooperation 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** **(7 periods 15 Marks)**

2. Formation of the Province of Odisha.
- a) Movement for Linguistic Identity.
- b) Events leading to the formation of the province
3. Contributions of (a) Madhusudan Das, Gopabandhu Das, Krushna Chandra Gajapati, (b) Sarla Devi, Rama Devi and Malati Devi

**BOOK PRESCRIBED:**

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

**N.B -No change in Question Pattern**

# Revised syllabus for session 2020-21

## HOME SCIENCE

**1st year Arts Home Science**

**+2,1st year Home Science(Theory)  
(Detailed syllabus)**

**No. of periods :yearly -54**

### **UNIT- I HOME MANAGEMENT AND FIRST AID**

**(A) HOME MANAGEMENT: (14 marks)(16 periods)**

- a) Meaning of Home science and its branches. Scope of studying Home Science.
- b) Meaning, definition and need for home management
- c) Steps in home management-planning, organizing, controlling and evaluating
- e) 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)(10 periods)**

- a) Meaning and aims of first aid
- b) Rules of first aid
- c) Types of bandages(Roller and Triangular)
- d) First aid in drowning, electric shock, burns and foreign bodies in the eye

### **UNIT-II FOOD AND NUTRITION, HEALTH AND HYGIENE**

**(A) FOOD AND NUTRITION (12 marks)(12 periods)**

- a) Definition of food ,nutrition and health
- b) Classification and functions of food
- d) Food preservation-Definition, need, importance, causes of food spoilage, house holds methods of food preservation (dehydration, addition of salt, sugar and refrigeration)

**(B) HEALTH AND HYGIENE (12 marks)(15 periods)**

- a) Infection-sources and modes of infection
- b) Restraint of infection and disinfectants
- c) Diseases transmitted through air and other contacts-chicken pox, measles, whooping cough, tetanus 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 TEXTILES AND CHILD DEVELOPMENT**

**(A) TEXTILES: (12marks)(12 periods)**

- a) Classification of fibres : natural and man made
- b) Structure and characteristics of cotton, wool and silk

**(B) CHILD DEVELOPMENT: (12marks)(15 periods)**

- 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

**HOME SCIENCE (PRACTICAL)**  
**+2 ,1st year Ats (Detailed syllabus)**

**UNIT-I FOOD AND NUTRITION:**

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

**UNIT-II FOOD PREPARATION FOR ENHANCING NUTRITIVE VALUE:**

(B) cereal ,milk and vegetable combination (5marks) (one item for snacks 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 (5marks) Practical Record (5marks)

**2nd year Arts Home Science (Theory)**  
**(Detailed syllabus)**  
**No. of periods : Yearly-80**

**UNIT-I CHILD CARE AND ADOLESCENT DEVELOPMENT**

(A) CHILD CARE(10marks)(12periods)

- a) Feeding the baby: breast feeding, artificial feeding, weaning
- 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)(8 periods)

- a) Meaning, changes and problems (physical and emotional)
- b) Role of parents in solving adolescents problems

**UNIT-II NUTRITION AND PHYSIOLOGY (A) NUTRITION: (10marks)(16 periods)**

Classification, function, sources requirement and deficiency of following nutrients :

- a) Carbohydrate
- 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)(16 periods)

- a) Cell:structure and functions
- b) Blood -composition, constituents and functions

**UNIT-III TEXTILE, MONEY MANAGEMENT, COLOUR COMBINATION**

(A) TEXTILES: (10marks)(10periods)

- a) Methods of laundering (rubbing and scrubbing, friction method, kneading and squeezing method, suction method and washing machine)and their principles.

(B) MONEY MANAGEMENT: (10marks)(8 periods)

- a) Types of family income-money income, real income(direct and indirect),psychic income

b) sources of family income, methods of supplementing family income, meaning and importance of savings

(C) COLOUR COMBINATION: (10marks)(10 periods)

a) : colour wheel

b) principles of colour combinations relating and contrasting colour schemes

**HOME SCIENCE (PRACTICAL)**  
**+2 2nd year Arts**

**(Detailed syllabus)**

**UNIT-I NEEDLE WORK: (10marks)**

a) Make a sample of basic stitches-running stitch, hemming, back stitch, button whole stitch, chain stitch and satin stitch.

b) Study of different parts of sewing machine

c) Make samples of seams, pleats and (three types each)

**UNIT-II USE OF COLOUR: (10marks)**

a) Preparation of colour wheel(prang colour chart)

b) Preparation of motifs using monochromatic, direct complimentary and analogous colour schemes

**UNIT-III CHILD CARE:**

Preparation of immunization chart (5marks)

Practical Record (5 marks)

**Revised Syllabus INDIAN MUSIC**

**ODISSI VOCAL**

(Vocal and Instrumental) Applied and General Theory

**FIRST YEAR**

Sub Code- IMO V

**Full Mark - 100**

**Practical - 60**

**Theory - 40 marks**

**Time - 2 hours**

**(Each Unit Carries 8 Marks (Total Periods 22 )**

**Unit – I**

**Period- 6**

Characteristics feature of all the Ragas and Talas prescribed for this year.

- a) Ragas are - Sankaravarana Kafi, Mukhari, Khamaj, Bajrakanti, Mohana
- b) Talas are -Ekatali, Khemta, Rupak, Jati,

**Unit -II**

**Period- 4**

- 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**

**Period- 4**

Definition of following musical Terms.

Dhawni Nada, (Ahata-Anahata), Sangeeta, Badl, Sambadi, Saptaka (Mandra- Madhya,Tara), Bibadi Rag, Anubadi, Aroha, Abaroha, Tala, Laya (Vilambit-Madhya-Druta) Prabadha,

**Unit – IV**

**Period- 4**

- (a) Swara sruti Bibhajana
- (b) Comparative study.
  - (i) Swara- Sruti
  - (ii) Mela- Raga.

**Unit – V**

**Period- 4**

Biography of the following

- (i) Jayadev
- (ii) Singhar Shyamsundar Kar
- (iii) Pandit Nrusingha Nath Khuntia.

**(VOCAL AND INSTRUMENTAL)**  
**FIRST YEAR, Sub Code- IMOV**  
**PRACTICAL**

**Time- 40 Minutes**

**(Each Unit Carries 12 Marks (Total Classes 48)**

**Unit - I**

1. Each Candidate will have to select one Raga of this course as his/her choice. (12 Classes)

**Unit - II**

2. Each Candidate will have to sing one Bhajan and Janana.  
(6 Classes)

**Unit - III**

3. Candidates to sing one chhanda, one champu, . 6 classes

**Unit - IV**

4. Test of Talas (Eka Guna- Dui Guna) 12 Classes

**Unit - V**

5. Identification of Swaras and Ragas asked by the Examiner. 12 classes

**Total 60 Marks - 40 Minutes**

**ODISSI VOCAL**  
**SECOND YEAR**  
**APPLIED AND GENERALTHEORY**

**Full Marks -100**

**Practical – 60**

**Theory – 40**

**Unit - I**

(Each Unit carries 8 Marks ) (Total 22 period)

Characteristic features of all the Ragas and Talas prescribed for this year.

- a) Ragas are - Kalayana, Kamodi, Ashabari, Bhairabi, Malabagouda, Deshakhya.
- b) Tala are , Tripata, Jhampa, Jati Tala, Aditala. Period-6

**Unit – II**

- a) Study of Notation System Period 4
- b) Knowledge of writing Layakaries (Eka-Dui-Chariguna)

**Unit - III**

- a) **Definition :-** Period 4

Varna (Sthayee- Arohi- Abarohi-Sanchari) Alankar, Gamaka, Alpatwa, Bahutwa, Alap, (Anibadha Alap-Nibadha Alap), Bhanati, t, Mela, Jati (Audaba- Sadaba- Sampurna), Purbanga - utararga, Badi, Raga, Swor Malika,

**Unit - IV**

**Definition and comparative study : Period 4**

- a) Odissi, Chhanda, Champu, Janana, Bhajana,

- b) Structural description and of Mardal.  
 c) Unit – V **Period 4**
- (a) Biography of the following  
 i) Sangeeta Sudhakar Balakrushna Dash  
 ii) Kavisurya Baladev Rath  
 (b) Writing essay of the following

**SECOND YEAR**  
 Sub Code- IMOV  
**PRACTICAL**

**Time- 40 Minutes**

**(Each Unit carries 12 Marks and 48 classes annually)**

**Unit - I**

1. Each candidate will have to select one Raga of this course as his/he" choice. **Period 12**

**Unit - II**

Each candidate will have to Sing one Bhajan.and one Janana,

,

**Unit - III**

3. Candidate to sing one chhanda, or one champu, **Period 6**

**Unit - IV**

4. Test of Talas with Layakari (Eka-Dui-Chouguna Kriya) **Period 4**

**Unit - V**

5. Identification of Sworas and Ragas asked by the Examiner

**Period 12**

**Total - 40 Minutes**

*Prescribed Books :*

**Practical - Indian Music. Odissi Vocal**

- |                                |   |
|--------------------------------|---|
| 1. Laxkhyan 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. Aiankar Ratnabali           | - Sri Ramhari Das.                      |
| 6. Odissi Raga Sangeeta        | - Lokanath Pal                          |
| <b>(Part-I,II,III)</b>         |   |
| 7. Odissi Sangeeta Sworalipi   | - Sri A.K. Lenka.                       |
| 8. Champu Sworalipi            | - Sangeet Natak Academy/Odissi Research |

Centre.

**Theory**

1. Bharatiya Sangeeta Itihas - Dr. D. Hota

Arts		120
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.

## HINDUSTANI VOCAL MUSIC

### FIRST YEAR

Code - I.M.H.V

**Full Marks - 100**

**Theory - 40**

**Practical - 60**

### **THEORY**

#### Applied and General Theory

(Each Unit Carries 8 marks and 22 classes annually)

**a) Unit – I**

**Period 4**

Characteristic features (Sastriya Parichaya) of all the Raagas and Taalas of this year course. Suchas :-

- (a) Ragas: -Bhupali, Kafi, Khamaj, Vrindabenisarang, Kalyan, Asabari, Bageshree, Durga, and Bhairava.
- (b) Taalas: Tritaal, Jhamptal, Ektal, Rupak, Dadna and Kaharwa

**Unit - II Period 4**

Preliminary Knowledge of writing notation of all the compositions of the prescribed ragas and talas of this year.

**Unit – III Period 4**

***Definition of the followings :***

Dhwani, Naada, Swara, Sruti, Saptaka, Sangeeta, Raaga, , Ansa, Nyasa, ,  
Vadi, Samavadi, Anuvadi, Vibadi, , Varna, Purbanga, Utaranga,  
Alankar, Aiaap, Taan, , Dhrupad, Khayal, Sargamtaan, Laxyangeet and Bhajan.

**Unit - IV**

Comparative study of the following : **Period 4**

Raga - That Swara-Sruti, Tala-Laya, Alaap-tan, .

**Unit - V**

**a) Life Sketches : Period 4**

- (a) Pt. V. N. Bhatkhande.
- (b) Pt. V.D. Paluskar

### **PRACTICAL FOR +2 1ST YEAR ARTS IN IMHV**

#### EACH UNIT CARRIES 12 MARKS &

#### 48 CLASSES ANNUALLY

**Unit - I**

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,  
Kalyart, Asabari and Bhairaba.

**Period 12**

#### **Unit - II**

Candidates will be taught the knowledge of Layakeries (2 guan and 4 guan) in the following  
Taals - Tritaal, Jhamptal, Ektal, Chautal, Dadra and Kaharwa.

**Period 12**

#### **Unit-III**

Candidates will be taught one Dhrupad based on any prescribed raag with Dugun and chaugun  
layakaries.

Classes-12

#### **Unit - IV**

Identification of Raagas, Taalas and Swaras which will be asked by the examiner. Classes-6

#### **Unit - V**

Candidates will be taught one Light classical composition (Bhajan) Classes-6

## **HINDUSTANI VOCAL MUSIC**

**FOR +2 SECOND YEAR ARTS**

**CODE :- I M H V**

**Full Marks - 100**

**Theory - 40**

**Practical - 60**

#### **THEORY**

**APPLIED AND GENERAL THEORY CODE - IMHV**

**EACH UNIT CARRIES 8 MARKS & 22 CLASSES ANNUALLY**

#### **Unit -I**

Characteristic features (Sastriya Parichaya) of all the Raagas and Taalas prescribed for this year  
course Such as :-

**Periods-6**

- (a) Bihag, Patdeep, Kedar, , Tilakkamod, Malkauns and Bhairavi,  
(b) Talas : Dharmar, Jhumura, Tilwara and .

#### **Unit -II**

**S tudy of the following :-** **Periods-6**

- (a) Brief History of Indian Music.  
(b) Physical description of Taanpura.

#### **Unit - III**

**D efinitions :-** **Periods-6**

Gamak, Meend, , Jaati and its verities., Alpatwa, Bahutwa, Gayaki, Nayaki,  
Janakfhaaf9anyaraag, Asrayaraag, Thaat and its verities,

#### **Unit - IV**

**Essays :-** **Periods-4**

- (a) Necessity of Music.  
(b)

- (c) A classical Music Evening.

**Unit - V**

General study of the following : **Periods-4**

- (a) Sruti Swara Bibhajana (Ancient, and Modern Period).
- (b) Notation System of Indian Classical Music (Pt. Paluskar and Pt. Bhatkhande System).

**PRACTICAL +2 SECOND YEAR ARTS  
HINDUSTANI VOCAL MUSIC**

CODE: IMHV

**PRACTICAL**

**(Each Unit carries 12 Marks and 48 classes annually)**

**Unit - I**

Candidate will be taught atleast one chhota-Khayal in each of the following ragas : Bihag, Pattadeep, Kedar, , Malkouns, Tilak Kamod and Bhairabi. **Periods-12**

**Unit - II**

Candidates will be taught at least **ONE** Badakhayal in any of the prescribed raagas with Alaap, Boitaan and Taan. **Periods-6**

**Unit - III**

Candidates will be taught one Dhrupad based on any Raga of this year with layakaries : (2 gun, 3 gun and chaugun 4 gun) **Periods-6**

**Unit - IV**

Candidates will be taught the following taalas with layakaries (2 gun, 3 gun and Chaugun 4,.gun)  
(a) Jhumura (b) Dhamar (c):ilwara and (d) **Periods-12**

**Unit - V**

- (a) Candidates will be taught ONE light classical composition. **Periods-12**
- (b) Candidates will be taught to identify the Raagas, Taalas and Swaras asked by the examiner from the syllabus.

**DIVISION OF MARKS AND TIME PRESCRIBED FOR EACH CANDIDATE AT THE  
TIME OF PRACTICAL EXAMINATION. (FOR BOTH THE YEAR)**

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 Dhrupad 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	<u>0 5 minutes.</u>
	<b>Total : 40 minutes</b>

Time for each candidate.

Prescribed Book for +2 1st Year and 1Ind Year in 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 Raltilas - By Dr. Damodar Hota.
4. Raaga Sangeeta (Part-I, II, III) - by Dr, M.C. Senapati

#### **Arts Stream**

5. Sangeet Visharad - By Vasant, Hatharas, U.P.
6. Raga Parichaya (Part-I, III)- By Harischandra Srivastava. Hatharas, U.P.
7. Sahgeetanjali (Part-I, II, III)- By P. Omkarnath Thakur.Hatharas, U.P.
8. Raga Vigyan (Pa'rt-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.

### **INDIAN MUSIC (TABLA)**

#### **SUBJECT CODE :- IMP**

The course consists of two theory papers each carrying 40 marks each Of 2 hours duration and two practical paper carrying 60 marks each.

The theory paper -1 shall be covered in the 1st year and the theory paper - II in the Second Year. The Practical Examinations i.e. (Practical Paper - I and Practical<sup>1</sup> Paper - II) shall also be conducted in the 1st and 2nd year respectively.

#### **THEORY PAPER - I (APPLIED AND GENERAL THEORY) FOR FIRST YEAR**

**Each unit carries 8 marks :**

**22 periods**

#### **Unit - I**

**4periods**

- (a) Music: Definition of Music according to musicians.
- (b) Origin of Music: -Religious theory regarding its origination.

#### **Unit - II**

**4periods**

- (a) Musical Instruments of India :- Classification, their definition.

- (b)
- (c) Life history of tabla: It's origin, structural method and role in Music.

### **Unit - III**

**5 periods**

Essay of the followings :-

- (a) Importance of Tal in Music.
- (b) Aim of learning Tabla.
- (c) A musical programme you have attended.

### **Unit - IV**

**4 periods**

- (a) Typical qualities of Tabla players.
  - (i) Their good and bad qualities.
- (b) Description of Tal :- Definition, their characteristics.

### **Unit - V**

**5 periods**

Definition of various musical terms :-

Abanadha, Tai, Theka, Matro, Bivag, Som, Khaiii, Bole, Chhanda and Jati.

**Total-22 periods**

### **PRACTICAL**

**Time- 40 minutes**

**The division of marks is as follows :-**

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.**

**PRACTICAL  
FOR 1ST YEAR**

Each unit carries twelve marks

Full marks - 60

**48 periods**

**Unit - I**

**10 periods**

- (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, , Rupak , Dadra, Dhumali and Kaharawa.

- (c) Candidate will be taught Barabar, Digun and Chaugun layakaries.

**Unit - II**

**12 periods**

- (a) Characteristic features of all the prescribed taaias.

(b) Candidates will be taught Drutt Thekas of Trital, Jhamptal, Rupak, Kaharawa, Jhumura, , Dadra and Dhumali.

**Unit - III**

**12 periods**

Candidates will be taught atleast ONE Kayada with plalats and ONE Damdar Tyahis set to Trital and Jhamptal each with the help of Ghedenag, Keedenag, Dha, Dhin, Tuna and Din Banees.

**Unit - IV**

**6 periods**

- (a) Candidates will be taught the padhat of Tukuda, Kayada and Theka by beating of hand showing Som, Tali, Khaii and Bivag.

- (b) Candidates will be taught at least ONE Tukuda in Trital and Jhamptal each.

**Unit - V**

**6 periods**

- (a) Candidates will be taught mukhuda set to Trital and .

- (b) Candidates will be taught the prakars of Trital .

**SECOND YEAR THEORY (Applied and General theory)**

**22 periods**

**Each Unit carries 8 marks:-**

**Unit - I**

**4 periods**

- (a) Letters of Tabla :-Main letters, their categories arid production from different parts.  
(b)  
(c) Tuning System of Tabla :- Necessity of tuning, Principles of tuning the tabla and Dugee.

**Unit - II**

**3 periods**

- (a) Notation Systems: - Categories used in Indian Music, Principles trf B.N. Shatkhande 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

**Unit - III****4 periods**

Definition of various musical terms :- Kholi, Mudi, Theka, Prakar, Palat, Kayada, Rele, Mukhuda, Tukuda, Uthan, Peskar, Tyahi and Laya.

**Unit - IV****6 periods**

- (a) Dasapran of Tal: - It's definitions and divisions.
- (b) Life history Of eminent Tabla players :-  
  - (i) Ahamadjan Thirgwa              (iv)
  - (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****5 periods**

Gharana and Baj

Their origin, , similarities and dissimilarities between Delhi and Banaras Baj.

**Total -22 periods****SECOND YEAR (PRACTICAL)**

**Each unit carries twelve marks :-**

**48 periods****Unit - I****10 periods**

- (a) Candidates will be taught to play Ekgun, Digun and Chaugunlaya of Theka set to Trital, Jhamptal and
- (b) Candidates will be taught atleast one simple Rela set to Trital, Jhamptal and each.

**Unit - II****6 periods**

Candidates will be taught ONE kayada with palate and one Damdar Tyahi in each set to Trital, Jhamptal with the help of Tereketa, Dhetetete and Kredhetete Banees.

**Unit - III**

**12 periods**

- (a) Candidates will be taught to play Prakars set to Trital, Jhamptal,
- (b) Candidates will be taught to play the Drutt thekas of Ektal, Jhumuratal, Dhumali, Tiiwara 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**

**8 periods**

- (a) Candidates will be taught to play ONE tukudas set to Trital, Jhamptal and Rupaktal in each.
- (b) Candidates will be taught to play Chakradar set to Trital, and Jhamptal.

**Total - 48 periods**

# **Revised Syllabus for session 2020-21**

## **INFORMATION TECHNOLOGY**

+2 1<sup>st</sup> Year SC/ARTS/COM

### **Unit-1**

Introduction to computer system

#### **A) Hardware concepts : [10 periods] ..... 10 marks**

##### **I) Computer organisation :**

CPU, Memory (RAM & ROM & I/O), devices, communication bus, ports (serial parallel)

##### **II) Input devices :**

Keyboard, Mouse, Light pen, touch screen, graphic tablets, joystick, microphone, OCR, OMR, scanner, smart card reader, BCR, MICR, BIOMETRIC sensors, web camera.

##### **III) Output devices :**

Monitor/VDU, LED/LCD screen, television, printers (DMP, deskjet / inkjet/bubble jet printer, laser printer), plotter, speaker.

##### **IV) Memory unit :**

Memory, types of memory, RAM(SDAM, DRAM), ROM(PROM, EPROM, EEPROM),

#### **B) Types of software :**

##### **I) System software : [10 periods] ..... 10 marks**

Operating systems, need for operating system, major functions of operating system, OS for Main frame, PC/server, mobile services, language processors (assembler, interpreter & compiler)

##### **II) Utility software :**

Compression tools, disk defragmenter, anti virus.

##### **III) Application software :**

General purpose application (word processor, spreadsheet packages, presentation software, DBMS, IDE software), specific purpose application software (Inventory Management Software, Human Resource Management System (HRMS), Payroll systems, Financial Management System, Reservation System).

##### **IV) Open source concepts : [7 periods] ..... 05 marks**

### **Unit - 2 :**

#### **Introduction to programming : [45 periods] ..... 25 marks**

##### **I) Getting started with programming with IDE : [20 periods] ..... 11 marks**

Introduction, rapid application development with ide, basic interface components (label, text field, text area, button, checkbox, radio button) developing general application, getting familiar with java swing user interface components (frame, dialog, option pane, panel, scroll pane, label, text field, password field, text area, button, check box, radio button, combo box, list), basic components handling methods & properties (Set text (), gettext () Is Selected (), Set Selected ())

##### **II) Programming fundamentals : [15 periods] ..... 10 marks**

Data types, concept of data types, built in data types (byte, short, int, long, float, double, char, string, boolean), variables, declaring variables, naming a variable, assigning value to variables, integer object method (parse int), double object method (parse double, parse float), control structure, decision structure (if, if.... else, switch), looping structure (while, Do-While, for)

##### **III)**

**Unit-3 : Relational database management system : [30 periods] ..... 20 marks****I) DBMS : [10 periods] ..... 10 marks**

Introduction to data base concepts, Database, Relational database, Relation/ Table, Attribute/ Field, Tuple/Row, Data types, text (char, varchar), number (decimal, int/integer), date & time. Keys (candidate key, primary key, Alternate key, Foreign key),

**II) Introduction to MYSQL : [13 periods] ..... 05 marks**

(ANSI SQL 99 standard commands)

Classification of SQL commands, DML (Select, Insert, Update, Delete), DDL(Create, Drop, Alter), Creating & using a database (SQL Create command to create a database, Use command to select a database), creating a Table (Create command to create a table, DESC command to display a table structure, Insert command for inserting new rows), displaying table data (select command to select all the columns, selecting specific columns using arithmetic operators, operator precedence),

**Unit -4 : IT APPLICATIONS : [7 periods] ..... 5 marks****I) E-GOVERNANCE : [4periods] ..... 3 marks**

II) E-learning : [3 periods]..... 2 marks

Defination, Benefit to students (learners), Benefit to teachers (Training Management), e-Learning websides & its social impact.

**PRACTICAL :**

I) Problem solving using Java ..... 10 marks

II) SQL Queries ..... 05 marks

III) Pratical Records ..... 10 marks

[Productivity Tools, Simple problem using Java SQL Queries, IT Application]

IV) Viva Voce ..... 05 marks

**Evaluation of practical Examination :****a) Problem / Solving using Java :**

Student is required to solve programming problems based or all concept covered in the experiment to maintain a record of these in the practical file.

**b) SQL Queries :**

Students will be asked to write 5 SQL queries in MY SQL based on one or two table during the final examination.

**c) Pratical Record File :**

A practical record file should include the following :

i) At least 10 solution of simple problems using IDE based java.

ii) At least 3 IT application ..... problem - solving frame work.

iii) At least 15 SQL queries on any database.

**d) Viva Voce :****Swing Control Methods & Properties :**

Class : Jbutton

Swing control : JButton

Methods : get Text (), set Text ()

Properties : Background, Enabled, Font, Foreground, Text, Label

Calss : JLabel,jLabel

Swing control : JLabel

Methods :	get Text (), set Text ()
Properties :	Background, Enabled, Font, Foreground, Text
Class :	Jtext Field
Swing control :	j Text Field, j Text
Methods :	get Text (), IsEditable (), set Text ()
Properties :	Backgroud, Editable Enabled, Font, Foreground, Text
Class :	Jradio Button
Swing control :	J Radio Button, J Radio
Methods :	get Text(), set Text(), is Selected(), set Selected ()
Properties :	Background, Button Group, Enabled, Font, Foreground, Label, Selected, Text
Class :	Jcheckbox
Swing control :	jCheck Box
Methods :	get Text(), set Text (), is Selected(), set Selected()
Properties :	Button Group, Font, Foreground, Label, Selected, Text
Class :	Button Group
Swing control :	jButton Group
Methods :	Add
Properties :	
Class :	JcomboBox
Swing control :	jCombpBox
Methods :	get Selected Item (), get Selected Index (), set Model ()
Properties :	Backgroup, Button Group, Editable, Enabled, Font, Foreground, Model, SelectedIndex, SelectedItem, Text
Class :	Jlist
Swing control :	j List
Methods :	get Selected Value ()
Properties :	Background, Buttom Group, Editable, Enabled, Font, Foreground, Model, Selected Index, Selected Item, Text
Class :	Jtable
Swing control :	jTable
Methods:	addRow(), get Model ()
Properties :	Model
Class :	Joption Pane
Swing control :	
Methods :	showMessage Dialog ()
Properties :	
Class :	Default Table Model
Swing control :	get Row Count (), remove Row (), add Row ()
Methods :	
Properties :	

Commonly used Methods :

<b>Class</b>	<b>Methods</b>
Integer	Parselnt (), to Double(), to String()
String	Concat (), length (), substring (), to Double (),

Double	to Lower Case(), to Upper Case (), trim () parseDouble(), toString(), tolnt()
Math	pow(), round()

Database Connectivity Methods :

<b>Class</b>	<b>Methods</b>
Connection	create Statement(), close ()
Driver Manager	get Connection ()
Statement	execute Query()
Result Set	Next(), first(), last(), getString()
Exception	get Message()
System	Exit()

## **Information Technology**

### **2nd Year Paper - II**

#### **UNIT-1 : Networking & Open Standards : [25 Periods] ..... [30 Marks]**

##### **i) Computer Networking : [08 Periods] ..... [10 Marks]**

Networking - a brief overview, Network devices (Hub, Switch, Bridge, Router, Repeater, Gateway) & their functions, Type of Network (LAN, MAN, WAN, PAN) Network Topologies (Star, Ring, Bus, Tree),

##### **ii) Internet & its Application : [12 Periods] ..... [10 Marks]**

Internet - an Overview, Internet Backbone, Internet Access (Dial-up, direct, Broadband connection), Role of ISP, Internet Protocols (TCP/IP, HTTP, FTP, TELNET, WAIS, Gopher), Internet Addressing (IP Address, Domain names), MAC (Media Access Control), URL, E-mail, Address, Internet Application [www, websites & web pages, Email, SMS, voice mail, chatting, IRC, Video conferencing, web browsers, search Engine] wireless/mobile communication [GSM, CDMA, WLL, 3G, 4G]

##### **iii) Network security on internet : [05 Periods] ..... [10 Marks]**

Threats & prevention from virus, Use of cookies,

#### **UNIT - 2 : Programming : [Reviews of 1st yr] : [40 periods] ..... [ 16 Marks]**

##### **i) Programming fundamentals : [28 periods] ..... [10 Marks]**

Basic concept of Access specifier for class member [data member & methods], Basic concept of inheritance, Commonly used libraries ..... staring class & methods [tasting(), concat (), length(), to lower case (), to upper case (), trim (), substring ()] & math class & methods [pow (), round () ],

##### **ii) HTML based web page covering basic tag : [12 periods] ... [6 marks]**

HTML, DHTML, TITLE, BODY, H1 ..... H6, Paragraph (P) Line break (BR), Section separator (HR), font, table, list (UL, OL), FORM,

#### **UNIT - 3 : Relational Database Management System : [30 Periods] [14 Marks]**

##### **i) Database fundamentals : [20 periods] ..... [8 Marks]**

Concept of Database Transaction, committing and revoking a transaction using COMMIT & ROLLBACK, Grouping Records, GROUP BY, Group function [MAX (), MIN (), AVG(), SUM(), COUNT()] Using COUNT (\*), DIDINCT clause with COUNT, group function & NULL value,

##### **ii) Introduction to MYSQL : [10 periods] ..... [6 Marks]**

Working with NULL value, ORDER BY CLAUSE [sorting in ascending / desceding order, sorting by column alias name, sorting or multiple column], manipulating data of a table / relation [update command to change exiting data of a table, delete command for removing

rows from a table], restructuring a table [ALTER TABLE for adding new columns and deleting columns], string function [ASCII(), CHAR(), CONCAT(), INSTR(), LCASE(), UCASE (), LENGTH (), LTRIM(), MID (), RIGHT (), RTRIM (), TRIM (), SUBSTR ()], Mathematical functions [POWER (), ROUND(), TRUNCATE()], Date & time functions [CURDATE(), DATE(), MONTH(), DAYOFMONTH(), DAYOFWEEK(), DAYOFYEAR(), NOW(), SYSDATE()].

#### **UNIT - 4 : IT Applications : [10 periods ..... [10 Marks]**

##### i) E-business

Definition, E-commerce & its type with benefits, E-business websites & their salient features & Social impacts, E business challengers.

##### **PRACTICALS :**

1. Problem solving using java ..... [10 Marks]
2. SQL Queries ..... [05 Marks]
3. Practical records ..... [05 Marks]
  - I) Simple problems using IDE Java
  - II) SQL Queries
  - III) Web-page creation by HTML
  - IV) IT Application
4. Project work ..... [05 Marks]
5. Viva Voce ..... [05 Marks]

##### **Evaluation of practical Examination :**

1. Students will be given a problem to be solved using java during final practical examination based on all concepts covered in theory.

##### 2. SQL Queries :

Students will be asked to write 5 SQL queries in MY SQL based on one or two tables during final practical examination.

##### 3. Practical record :

A practical record should include the following :

- a) At least 12 solution of simple problem using IDE based java.
- b) Solution of at least 2 simple problem incorporating java application & database connectivity.
- c) At least 24 SQL queries on one & / or two tables.
- d) At least two web pages creating using HTML.

##### 4. Project file :

Students in group of 2/3 are required to work collaboratively to develop a project using programming & database skills. This project should be an application in any one of the domain..... .

- a) E - governance
- b) E - business
- c) E - learning

With GUI front - end & corresponding database at the back - end.

##### 5. Viva Voce

##### **Question paper design (For Theory)**

##### **+2 1st yr (Sc/Arts/Commerce)**

##### A. Very short Question : (1 Marks)

- i) Introduction to computer systems (4 question x 1 marks) ..... 4 mark
- ii) Types of software (2 question x 1 marks) ..... 2 marks
- iii) Getting started with programming using IDE (1 question x 1 marks)..... 1 marks

- iv) Open source concept ( 1 question x 1 marks) ..... 1 marks
- v) Introduction to MY SQL (3 question x 1 marks) ..... 3 marks
- vi) IT Application (1 question x 1 marks) ..... 1 marks

B. Short question : (2 mark each)

- i) Introduction to computer system (1 question x 2 marks) ..... 2 marks
- ii) Type of software (2 question x 2 marks) ..... 4 marks
- iii) Programming using IDE (2 question x 2 marks) ..... 4 marks
- iv) Introduction to MY SQL (1 question x 2 marks) ..... 2 marks
- v) DBMS - (1 question x 2 marks) ..... 2 marks
- vi) IT Application (2 question x 2 marks) ..... 4 marks

C. Short question : (4 marks each)

- i) Introduction to computer system (1 question x 4 marks) ..... 4 marks
- ii) Type of software (1 question x 4 marks) ..... 4 marks
- iii) Open source concept ( 1 question x 4 marks) ..... 4 marks
- iv) DBMS (2 question x 4 marks) ..... 8 marks
- v) Programming fundamentals (1 question x 4 marks) ..... 4 marks
- vi) Programming guideline (1 question x 4 marks) ..... 4 marks

D. Long question : (6 marks each)

- i) Programming fundamentals (1 question x 6 marks) ..... 6 marks
- ii) Getting started with programming with IDE (1 question x 6 marks) .... 6 marks

## **+2 2nd Yr Science/Arts/Commerce**

A. Very short question : (1 marks each)

- i) Computer network (2 question x 1 marks) ..... 2 marks
- ii) Internet & its application (2 question x 1 marks) ..... 2 marks
- iii) Network security (2 question x 1 marks) ..... 2 marks
- iv) Database (2 question x 1 marks) ..... 2 marks
- v) Introduction to MYSQL (2 question x 1 marks) ..... 2 marks
- vi) IT Application (2 question x 1 marks) ..... 2 marks

B. Short question : (2 Marks each)

- i) Computer network (2 question x 2 marks) ..... 4 marks
- ii) Internet & its application (1 question x 2 marks) ..... 2 marks
- iii) Network security (2 question x 2 marks) ..... 4 marks
- iv) HTML base web pages (1 question x 2 marks) ..... 2 marks
- v) Database (1 question x 2 marks) ..... 2 marks
- vi) IT Application (2 question x 2 marks) ..... 4 marks

C. Short question : (4 Marks each)

- i) Computer network (1 question x 4 marks) ..... 4 marks
- ii) Network security (1 question x 4 marks) ..... 4 marks
- iii) Programming Fundamental (1 question x 4 marks) ..... 4 marks
- iv) HTML base web pages (1 question x 4 marks) ..... 4 marks
- v) Database (1 question x 4 marks) ..... 4 marks
- vi) Introduction to MY SQL (1 question x 4 marks) ..... 4 marks
- vii) IT Application (1 question x 4 marks) ..... 4 marks

D. Long question : (6 marks each)

- i) Internet & its application (1 question x 6 marks) ..... 6 marks
- ii) Programming Fundamentals (1 question x 6 marks) ..... 6 marks

## **Books Recommended:**

1. Bureau's Higher Secondary (+2) INFORMATION TECHNOLOGY, Part-I & II, Published

by Odisha State Bureau of Text Book Preparation and Production, Bhubaneswar.

## **Revised Syllabus for the session 2020-21**

### **INDUSTRIAL RELATIONS AND PERSONNEL MANAGEMENT (IRPM)**

#### **FIRST YEAR, PAPER-1 (INDUSTRIAL RELATIONS)**

**Full marks - 100**

#### **Unit-I**

##### **Industrial Relations and Trade Unionism:-**

**(25 marks) 11 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
- (i) National Federations of Trade union in India .

#### **Unit-II**

##### **Industrial Disputes in India :-**

**(25 marks) (11 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) Voluntary Arbitration
- (j) Labor Court
- (k) Industrial Tribunal and
- (l) National Tribunal

#### **Unit-III**

##### **Collective Bargaining**

**(25 marks)(11**

##### **Periods)**

- (a) Meaning, Objectives and Scope of Collective Bargaining
- (b) Prerequisites of Collective Bargaining
- (c) Collective Agreement

#### **Unit-IV**

##### **Workers Participation in Management:**

**(25 Marks)**

##### **(11 Period)**

- (a) Meaning and Definitions of Workers Participation in Management
- (b) Forms of Workers Participation in Management
- (c) JOINT FORUMS:-
  - i) Joint management Councils.(JMC)
  - ii) Canteen Committee
  - iii) Safety Committee

- iv) Welfare Committee
- v) Production Committee.

## **INDUSTRIAL RELATIONS AND PERSONNEL MANAGEMENT SECOND YEAR, PAPER-II**

### **(Personnel Management)**

#### **Unit-I**

#### **Personnel Management. (25 Marks) (11 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) Personnel Management v/s Human Resource Management

#### **UNIT II**

#### **Recruitment, Selection and Training (25 Marks) (11 periods)**

- (a) Meaning and Definition of Recruitment
- (b) Sources of Recruitment-Internal and External with their Merits and Demerits

#### **Unit-III**

#### **(25 Marks) (11 periods)**

#### **Labour Welfare and Social Security**

- a) Meaning and Definition 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**

#### **(25 Marks) (11 periods)**

- a) Statutory Labor 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) Labor Administration in Odisha, Structure and Functions of the District, Zonal and State Level

## **Revised Syllabus For the Session 2020-21**

### **LOGIC FIRST YEAR**

#### **UNIT-1 :**

Nature of Logic: Definition of logic, Structure of Argument, Sentence and proposition, truth and validity, sound and unsound arguments, Principles of Logic.

Logic and Language: Used of language, words and terms, Denotation, Corrugation and Extension.

#### **UNIT-2 :**

Propostions : Classification of Propositions, Reduction of Logical form. Distribution of Terms, Sevenfold relation of Propositions, Square of Opposition of Propositions.

#### **UNIT-3 :**

Nature, Problems and Procedure of Induction: Induction and Deduction, Primary and Secondary Induction, Procedures of Induction, Problem of Induction. Induction and probable Inference: Scientific Induction, Induction by Simple enuveration,

#### **UNIT-4 :**

Formal Grounds of Induction: Law of uniformity of Nature, Law of Caudation, Qualitative and Quantitative marks of causatin, Cause and Condition, Different views of Causation, Plurality of causes, Conjunction of causes, Intermixture of effects.

National Grounds of Induction: Observation and Experiments.

#### **UNIT-5 :**

Hypothesis: What is Hypothesis ? Conditions of legitimate Hypothesis, Proofs of Hypothesis.

### **SECOND YEAR**

#### **UNIT-1 :**

The Theory of Inference : Classification of Inference, Convention, Obverses. Categorical Syllosim: Structure, Figure, Roads, Rules of Syllogism, Determination of valid Roads.

#### **UNIT-2 :**

Special Rules of Figures, Anistotles Diction Direct and Indirect Reduction. Mixed Syllosism: Different forms - Hypothetical Categorical, Alternative Categorical, Disjunctive Categorical, Dilemma, Forms, Refutation, Rebuttal of Dilemma.

**UNIT-3 :**

Fallacy: Deductive Fallacy, Semi-Logical Fallacies, Inductive Fallacies, Fallacy of histic Generalisation, False Analogy, Ignoratio Elenchi.

**UNIT-4 :** Method of Experimental Enquiry : Mill's Five Experimental Methods.**UNIT-5 :** Propositional Logic: Symbolic Logic and its Characteristics, Propositional Variables, Logical constants Propositional Connectively, Truth Functions, Construction of truth tables, Testing validity by direct truth table method.**BOOK PRESCRIBED:**

**Bureau's Higher Secondary (+2)Logic, Paper-I & II (English & Odia)**  
**Published by Odisha State Bureau of Textbook Preparation & Production,**  
**Bhubaneswar.**

**N.B : No change in Question Pattern**

## **Modified Syllabus 2020-21**

### **MATHEMATICS (+2 2<sup>nd</sup> year) Course Structure**

#### **UNIT - I : Relations and Functions**

##### **1. Relations and Functions**

Types of relations; reflexive, symmetric, transitive and equivalence relations. One to one and onto functions, composite functions, inverse of function. Binary operations.

##### **2. Inverse Trigonometric Functions**

Definition, range, domain, principle value branch.

##### **3. Linear Programming**

Introduction, related terminology such as constraints, objective function, optimization, different types of linear programming (L.P.) problems, mathematical formulation of L.P. problems, graphical method of solution for problems in two variables

#### **UNIT - II : Algebra**

##### **1. Matrices**

Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operation on matrices; Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. Non commutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (restrict to square matrices of order 2). concept of elementary row and column operations

##### **2. Determinants**

Determinant of a square matrix (up to  $3 \times 3$  matrices), properties of determinants, minors, co-factors and applications of determinants in finding the area of a triangle, Adjoint and inverse of a square matrix. solving system of linear equations in two or three variables (having unique solution) using inverse of a matrix.

#### **UNIT-III : Differential Calculus**

##### **1. Continuity and Differentiability**

Continuity and differentiability, derivative of composite functions, chain rule, derivatives of inverse trigonometric functions, derivative of implicit functions. Concept of exponential and logarithmic functions.

Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivativesNo problems on Mean Value Theorems.

## 2. Applications of Derivatives

Applications of derivatives : , increasing and decreasing functions, tangents and normals, , maxima and minima (first derivative test motivate geometrically and second derivative test given as a provable tool). Simple problems (that illustrate basic principles and understanding of the subject as well as real-life situations).

## UNIT-IV Integral Calculus

### 1. Integrals

Integration as inverse process of differentiation. Integration of a variety of functions by substitution, by partial fractions and by parts, Evaluation of simple integrals of the following types and problems based on them.

$$\int \frac{dx}{x^2 \pm a^2}, \int \frac{dx}{x^2 \pm a^2}, \int \frac{dx}{a^2 - x^2}, \int \frac{dx}{ax^2 + bx + c}$$

$$\int \frac{dx}{ax^2 + bx + c}, \int \frac{px + q}{ax^2 + bx + c} dx,$$

$$\int \frac{px + q}{ax^2 + bx + c} dx, \int \sqrt{a^2 \pm x^2} dx,$$

Fundamental Theorem of Calculus (without proof). Basic properties of definite integrals and evaluation of definite integrals.

### 2. Applications of the Integrals

Applications in finding the area under simple curves, especially lines, circles/parabolas/ ellipses (in standard form only). Area between any of the two above said curves (the region should be clearly identifiable).

### 3. Differential Equations.

Definition, order and degree, general and particular solutions of a differential equation. Formation of differential equation whose general solution is given. Solution of differential equations by method of separation of variables, solutions of homogeneous differential equations of first order and first degree. Solutions of linear differential equation of the type :

$$\frac{dy}{dx} + py = q, \text{ where } p \text{ and } q \text{ are functions of } x \text{ or constants.}$$

## UNIT - V : Vectors and Three-Dimensional Geometry

### 1. Vectors

Vectors and scalars, magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, properties and application of scalar (dot) product of vectors, vector (cross) product of vectors .

## **2. Three - dimensional Geometry**

Direction cosines and direction ratios of a line joining two points. Cartesian equation and vector equation of a line, coplanar and skew lines, shortest distance between two lines. Cartesian and vector equation of a plane. Distance of a point from a plane.

### **Books Recommended:**

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

# **MATHEMATICS (+2 First Year)**

## **UNIT - I : Sets and Functions**

### **1. Sets**

Sets and their representations. Empty set, Finite and Infinite sets, Equal sets, Subsets, Subsets of a set of real numbers especially intervals (with notations), Power set, Universal set, Venn diagrams, Union and Intersection of sets, Difference of sets, complement of a set, Properties of Complement of Sets, Practical Problems based on sets.

### **2. Relations & Functions**

Ordered pairs, Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. Cartesian product of the sets of real (up to  $R \times R$ ). Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. Function as a special kind of relation from one set to another. Pictorial representation of a function, domain co-domain and range of a function. Real valued functions, domain and range of these functions: Constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer function, with their graphs.

### **3. Trigonometric Functions**

Positive and negative angles. Measuring angles in radians and in degrees and conversion of one into other. Definition of trigonometric functions with the help of unit circle. Truth of  $\sin^2 x + \cos^2 x = 1$ , for all  $x$ . Signs of trigonometric functions. Domain and range of trigonometric functions and their graphs. Expressing  $\sin(x \pm y)$  and  $\cos(x \pm y)$  in terms of  $\sin x$ ,  $\sin y$ ,  $\cos x$  &  $\cos y$  and their simple application. Deducing identities like the following :

$$\tan(x \pm y) = \frac{\tan x \pm \tan y}{1 \mp \tan x \tan y}, \cot(x \pm y) = \frac{\cot x \cot y \mp 1}{\cot y \pm \cot x}$$

$$\sin x + \sin y = 2 \sin \frac{x+y}{2} \cos \frac{x-y}{2}, \cos x + \cos y = 2 \cos \frac{x+y}{2} \cos \frac{x-y}{2},$$

$$\sin x - \sin y = 2 \cos \frac{x+y}{2} \sin \frac{x-y}{2}, \cos x - \cos y = -2 \sin \frac{x+y}{2} \sin \frac{x-y}{2},$$

Identities related to  $\sin 2x$ ,  $\cos 2x$ ,  $\tan 2x$ ,  $\sin 3x$ ,  $\cos 3x$  and  $\tan 3x$ . Trigonometric equations  
Principal solution.

## **UNIT-II : Algebra**

### **1. Principle of Mathematical Induction**

Process of the proof by induction, motivation the application of the method by looking at natural numbers as the least inductive subset of real numbers. The principle of mathematical induction and simple applications.

### **2. Complex Numbers and Quadratic Equations**

Need for complex numbers, especially  $/ 1$ , to be motivated by inability to solve some of the quadratic equations; Algebraic properties of complex numbers. Argand plane. Statement of Fundamental Theorem of Algebra, solution of quadratic equations in the complex system. cube roots of unity and its properties.

### **3. Linear Inequalities**

Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line. Graphical solution of linear inequalities in two variables. Graphical solution of system of linear inequalities in two variables.

### **4. Permutations and Combinations**

Fundamental principle of counting, factorial n. ( $n!$ ), Permutations and combinations, simple applications.

### **5. Binomial Theorem**

History, statement No problems on Binomial Theorem

### **6. Sequence and Series**

Sequence and Series, Arithmetic Progression (A.P.). Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P., Arithmetic and Geometric series, infinite G.P. and its sum, geometric mean (G.M.), Harmonic (mean) relation between A.M., GM. and H.M.,

## **UNIT - III : Co-ordinate Geometry**

### **1. Straight Lines**

Brief recall of two dimensional geometry from earlier classes. Slope of a line and angle between two lines. Various forms of equations of a line : parallel to axis, point-slope form, slope-intercept form, two-point form, intercept form and normal form. General equation of a line. Equation of family of lines passing through the point of intersection of two lines. Distance of a point from a line.,

### **2. Conic Sections**

Sections of a cone : circles, ellipse, parabola, hyperbola; Standard equations and simple properties of Circle, parabola, ellipse and hyperbola.

### **3. Introduction to Three-dimensional Geometry**

Coordinate axes and coordinate planes in three dimensions. Coordinates of a point.

Distance between two points and section formula.

## **UNIT-IV: Calculus**

### **1. Limits and Derivatives**

Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions,

trigonometric, exponential and logarithmic functions. Definition of derivative, relate it to slope of tangent of a curve, derivative of sum, difference, product and quotient of functions. The derivative of polynomial and trigonometric functions.

## **UNIT-V : Mathematical Reasoning**

### **1. Mathematical Reasoning**

Mathematically acceptable statements. Connecting words/phrases-consolidating the understanding of “if and only if (necessary and sufficient) condition,” “implies”, “and/or”, “implied by”, “and”, “or”, “there exists” and their use through variety of examples related to real life and Mathematics.

## **UNIT-VI : Statistics and Probability**

### **1. Statistics**

Measures of dispersion; Range, mean deviation, variance and standard deviation of ungrouped/grouped data.

Random experiments; outcomes, sample spaces (set representation). Events; occurrence of events, ‘not’, ‘and’ and ‘or’ events, exhaustive events, mutually exclusive events, Probability of an event. Probability of ‘not’, ‘and’ ‘or’ events.

#### **Books Recommended:**

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

## ୨୦୨୦-୨୧ ଶିକ୍ଷାବର୍ଷ ଉପଲକ୍ଷେ ସଂକୁଚିତ ପାଠ୍ୟଗୀତା

### MIL (ODIA)

ଆଧୁନିକ ଭାରତୀୟ ଭାଷା (ବାଧତାମୂଳକ) ଓଡ଼ିଆ

କଳା / ବିଜ୍ଞାନ / ବାଣିଜ୍ୟ ଶିକ୍ଷାସ୍ତ୍ରୋତ୍ତମନ୍ତ୍ର

ପ୍ରଥମ ବର୍ଷ (ଏକାଦଶ ଶ୍ରେଣୀ)

ପୂର୍ଣ୍ଣବର୍ଷା - ୧୦୦

ସମୟ - ୩ ଘଣ୍ଟା

ପିରିଅଢ଼ ସଂଖ୍ୟା - ସାପ୍ତାହିକ - ୪ (ବାର୍ଷିକ ୪୭)

ପ୍ରଥମ ଏକକ - ଗଦ୍ୟ (୧୯ ପିରିଅଢ଼)

୨୦ ନମ୍ବର

୧. ‘ଶରଶୂନ୍ୟଦର’ – ଗୋପୀନାଥ ମହାନ୍ତି

୨. ରେଲମ୍ ନଦୀରେ ସଂଧ୍ୟା – କୁଂଜବିହାରୀ ଦାଶ

୩. ମଧୁବାବୁ – ଚିତ୍ତାମଣି ଆଗୁର୍ଯ୍ୟ

- ଏହି ଏକକରୁ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ସେଥିମଧ୍ୟ ପରାକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟି ବାଛି ଲେଖିବେ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୪ = ୪ ନମ୍ବର ।
- ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟିର ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୩ = ୩ ନମ୍ବର ।
- ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟିର ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୨ × ୨ = ୪ ନମ୍ବର ।
- ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉତ୍ତର ୩ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୩ × ୧ = ୩ ନମ୍ବର ।
- ୨ଟି ୪ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉତ୍ତର ୨୫୦ଟି ଶବ୍ଦ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୪ × ୨୫୦ = ୧୦୦ ନମ୍ବର ।

ଦ୍ୱିତୀୟ ଏକକ - ପଦ୍ୟ (୧୯ ପିରିଅଢ଼)

୨୦ ନମ୍ବର

୧. ସାହାଡ଼ା ବୃକ୍ଷ – ସାରଳା ଦାସ

୨. ଶାପ ମୋତନ - ଜଗନ୍ନାଥ ଦାସ

୩. ମିତ୍ରତା – ଉପେନ୍ଦ୍ର ଭଙ୍ଗୀ

- ଏହି ଏକକରୁ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ସେଥିମଧ୍ୟ ପରାକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟି ବାଛି ଲେଖିବେ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୪ = ୪ ନମ୍ବର ।
- ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟି ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୩ = ୩ ନମ୍ବର ।

- ၉টি ၉ নম্বর বিশিষ্ট প্রশ্ন পত্রিকা। যেখানে ৭টির উভয় ৭টি বাক্যের দেবাকু হ্রেব।  
এহার মূল্য  $9 \times 9 = 81$  নম্বর।
- ১টি ৩ নম্বর বিশিষ্ট প্রশ্ন পত্রিকা। যেখানে ১টির উভয় ৩টি শব্দ মধ্যের দেবাকু হ্রেব।  
এহার মূল্য  $3 \times 1 = 3$  নম্বর।
- ১টি দীর্ঘ উভয়মূলক প্রশ্ন পত্রিকা। যেখানে ১টির উভয় ১৪০টি শব্দ দেবাকু হ্রেব।  
এহার মূল্য  $4 \times 36 = 144$  নম্বর।

### তৃতীয় একক – একাঙ্কিকা (১১ পিরিথত)

৭০ নম্বর

- অত্যাচারিত - প্রাণবন্ধু কর
  - ভালু উপদ্রব – বিজয় মিশ্র
- এহি এককরু ৪টি ১ নম্বর বিশিষ্ট প্রশ্ন পত্রিকা। প্রতিযেক প্রশ্ন পাই ৪টি লেখার্থ সম্ভাব্য উভয় দিআয়িব। যেখানে পরীক্ষার্থী কেবল ঠিক উভয়টি বাছি লেখবে।  
এহার মূল্য  $1 \times 4 = 4$  নম্বর।
  - ৪টি ১ নম্বর বিশিষ্ট প্রশ্ন পত্রিকা। যেখানে ৩টি উভয় গোটিএ বাক্যের দেবাকু হ্রেব।  
এহার মূল্য  $1 \times 3 = 3$  নম্বর।
  - ৩টি ৩ নম্বর বিশিষ্ট প্রশ্ন পত্রিকা। যেখানে ২টি উভয় ৩টি বাক্যের দেবাকু হ্রেব।  
এহার মূল্য  $3 \times 2 = 6$  নম্বর।
  - ১টি ৩ নম্বর বিশিষ্ট প্রশ্ন পত্রিকা। যেখানে ১টি উভয় ১৪০টি শব্দ দেবাকু হ্রেব।  
এহার মূল্য  $3 \times 1 = 3$  নম্বর।
  - ১টি দীর্ঘ উভয়মূলক প্রশ্ন পত্রিকা। যেখানে ১টির উভয় ১৪০টি শব্দ দেবাকু হ্রেব।  
এহার মূল্য  $4 \times 36 = 144$  নম্বর।

### চতুর্থ একক – বোধঝান পরীক্ষণ (১১ পিরিথত)

৭০ নম্বর

অববোধ পরীক্ষণ (ক) গদ্যাংশ (খ) পদ্যাংশ

- (ক) অববোধ পরীক্ষণ নিম্নে এক গদ্য অনুচ্ছেদ দিআয়িব।  
যেখানে প্রথম ৪টি ১ নম্বর বিশিষ্ট প্রশ্ন পত্রিকা। প্রতিযেক প্রশ্নের উভয় গোটিএ বাক্যের দেবাকু হ্রেব।  
এহার মূল্য  $1 \times 4 = 4$  নম্বর।  
পুনর যেখানে ৩টি বিশিষ্ট প্রশ্ন পত্রিকা। প্রতিযেক প্রশ্নের উভয় ২টি বাক্যের দেবাকু হ্রেব।  
এহার মূল্য  $3 \times 2 = 6$  নম্বর।
- (খ) গোটিএ অঞ্চাত কবিতা দিআয়িব। প্রথম ৪টি ১ নম্বর বিশিষ্ট প্রশ্ন পত্রিকা। প্রতিযেক প্রশ্নের উভয় গোটিএ বাক্যের দেবাকু হ্রেব।  
এহার মূল্য  $1 \times 4 = 4$  নম্বর।

ପୁନଶ୍ଚ ସେଥିରେ ନଟି ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ  $9 \times 3 = 27$  ନମ୍ବର ।

### ପଞ୍ଚମ ଏକକ - ପ୍ରବନ୍ଧ ଓ ବ୍ୟାକରଣ (୧୯ ପିରିଆତି)

୨୦ ନମ୍ବର

(କ) ପ୍ରବନ୍ଧ

(ଖ) ବ୍ୟାକରଣ

ପଦ ପ୍ରକରଣ - ବିଶେଷ୍ୟ, ବିଶେଷଣ, ସର୍ବନାମ, ଅବ୍ୟୟ, କ୍ରିୟା

- ପ୍ରବନ୍ଧରୁ ତିନୋଟି ପ୍ରଶ୍ନ ଦିଆଯିବ । ସେଥିରୁ ଯେକୌଣସି ଗୋଟିଏ ପ୍ରଶ୍ନର ଉତ୍ତର ୧୫୦ରୁ ୨୦୦ ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ  $4 \times 1 = 4$  ନମ୍ବର ।

- ପଦ ପ୍ରକରଣ - ବିଶେଷ୍ୟ, ବିଶେଷଣ, ସର୍ବନାମ, ଅବ୍ୟୟ, କ୍ରିୟାରୁ ୪ଟି ଲେଖାଏଁ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ନଟି ଲେଖାଏଁ ପ୍ରଶ୍ନର ଉତ୍ତର ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ  $1 \times 3 = 3$ ,  $1 \times 3 = 3 = 15$  ନମ୍ବର ।

ପାଠ୍ୟଗ୍ରନ୍ଥ - ସାହିତ୍ୟ ଜ୍ୟୋତି, ଏକାଦଶ ଶ୍ରେଣୀ

ଓଡ଼ିଶା ରାଜ୍ୟ ପାଠ୍ୟ ପୁସ୍ତକ ପ୍ରଣାଳୀ ଓ ପ୍ରକାଶନ ସଂସ୍ଥା, ଭୁବନେଶ୍ୱର



# ୨୦୨୦-୨୧ ଶିକ୍ଷାବର୍ଷ ଉପଲକ୍ଷେ ସଂକୁଚିତ ପାଠ୍ୟଗୀତା

## MIL (ODIA)

ଆଧୁନିକ ଭାରତୀୟ ଭାଷା (ବାଧତାମୂଳକ) ଓଡ଼ିଆ

କଳା / ବିଜ୍ଞାନ / ବାଣିଜ୍ୟ ଶିକ୍ଷାସ୍ତ୍ରୋତ୍ତମନ୍ତ୍ର

ଦ୍ୱିତୀୟ ବର୍ଷ (ଦ୍ୱାଦଶ ଶ୍ରେଣୀ)

ପୂର୍ଣ୍ଣବର୍ଷା - ୧୦୦

ସମୟ - ୩ ଘଣ୍ଟା

ପରିଅଧିକ ସଂଖ୍ୟା - ସାପ୍ତାହିକ - ୪ (ବାର୍ଷିକ ୪୭)

### ପ୍ରଥମ ଏକକ (Unit – I) - ଗଦ୍ୟ (୧୧ ପରିଅଧିକ)

୨୦ ନମ୍ବର

୧. ସାଧୀନ ଦେଶର ଶିକ୍ଷା ଚିତ୍ରା – ଗୋଲୋକ ବିହାରୀ ଧଳ
୨. ପୁଷ୍ପପୁରରେ ବର୍ଷାବରଣ – କୃଷ୍ଣଚନ୍ଦ୍ର ପାଣିଗ୍ରାହୀ
୩. ତିନି ତୁଣ୍ଡରେ – ଭୁବନେଶ୍ୱର ବେହେରା

- ଏହି ଏକକରୁ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ସେଥିମଧ୍ୟ ପରାକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟି ବାଛି ଲେଖିବେ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୪ = ୪ ନମ୍ବର ।
- ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟିର ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୩ = ୩ ନମ୍ବର ।
- ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟିର ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୨ × ୨ = ୪ ନମ୍ବର ।
- ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉତ୍ତର ୩ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୩ × ୧ = ୩ ନମ୍ବର ।
- ୨ଟି ଦୀର୍ଘ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉତ୍ତର ୧୫୦ଟି ଶବ୍ଦ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୨ × ୧୫୦ = ୩୦୦ ନମ୍ବର ।

### ଦ୍ୱିତୀୟ ଏକକ (Unit – II) - ପଦ୍ୟ (୧୧ ପରିଅଧିକ)

୨୦ ନମ୍ବର

୧. ବଡ଼ପଣା – ରାଧାନାଥ ରାୟ
୨. ଉପମିନୀର ପତ୍ର – ଗଙ୍ଗାଧର ମେହେର
୩. ବାର୍ତ୍ତା – ସଜିଦାନନ୍ଦ ରାଉଡ଼ରାୟ

- ଏହି ଏକକରୁ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ସେଥିମଧ୍ୟ ପରାକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟି ବାଛି ଲେଖିବେ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୪ = ୪ ନମ୍ବର ।
- ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟିର ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୩ = ୩ ନମ୍ବର ।

- ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟିର ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ  $2 \times 2 = 4$  ନମ୍ବର ।
- ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉତ୍ତର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ  $3 \times 1 = 3$  ନମ୍ବର ।
- ୨ଟି ଦୀର୍ଘ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉତ୍ତର ୧୫୦ଟି ଶବ୍ଦ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ  $15 \times 1 = 15$  ନମ୍ବର ।

### **ତୃତୀୟ ଏକକ (Unit – III) – ଗଞ୍ଜ (୧୯ ପିରିଆଡ଼ି)**

**୨୦ ନମ୍ବର**

୧. ସଭ୍ୟ ଜମିଦାର - ଫଂକୀରମୋହନ ସେନାପତି
୨. ପତାକା ଉତୋଳନ - ସୁରେନ୍ଦ୍ର ମହାନ୍ତି
୩. ଆକାଶ କଇଁଛି - ମନୋଜ ଦାସ

- ଏହି ଏକକରୁ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ସେଥିମଧ୍ୟ ପରାକାରୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟି ବାଛି ଲେଖିବେ ।  
ଏହାର ମୂଲ୍ୟ  $1 \times 4 = 4$  ନମ୍ବର ।
- ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟିର ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ  $1 \times 3 = 3$  ନମ୍ବର ।
- ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟିର ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ  $2 \times 2 = 4$  ନମ୍ବର ।
- ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉତ୍ତର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ  $3 \times 1 = 3$  ନମ୍ବର ।
- ୨ଟି ଦୀର୍ଘ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉତ୍ତର ୧୫୦ଟି ଶବ୍ଦ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ  $15 \times 1 = 15$  ନମ୍ବର ।

### **ଚଉଥୀ ଏକକ (Unit – IV) – କୋଧଙ୍କାନ (୧୧ ପିରିଆଡ଼ି)**

**୨୦ ନମ୍ବର**

୧. ଅବବୋଧ ପରୀକ୍ଷଣ (କ) ଗଦ୍ୟାଂଶ – ୧୦ ନମ୍ବର  
(ଖ) ପଦ୍ୟାଂଶ – ୧୦ ନମ୍ବର

- ଅବବୋଧ ପରୀକ୍ଷଣ ନିମିତ୍ତେ ଏକ ଗଦ୍ୟ ଅନୁଛେଦ ଦିଆଯିବ ।  
ସେଥିରୁ ପ୍ରଥମ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ  $1 \times 4 = 4$  ନମ୍ବର ।

ପୁନଃ

୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ  $2 \times 3 = 6$  ନମ୍ବର ।

(ଖ) ଗୋଟିଏ ଅଞ୍ଚାତ କବିତା ଦିଆଯିବ । ପ୍ରଥମ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ  $1 \times 4 = 4$  ନମ୍ବର ।

ପୁନଃ ସେଥିରେ ଗଠ ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ  $9 \times 3 = 27$  ନମ୍ବର ।

### ପଞ୍ଚମ ଏକକ (Unit – V) - ପ୍ରବନ୍ଧ ଓ ବ୍ୟାକରଣ (୧୨ ପିରିଅଡ଼ି)

୨୦ ନମ୍ବର

(କ) ଦରଖାସ୍ତ ଓ ପତ୍ର ଲିଖନ

(ବ୍ୟବସାୟିକ, ବ୍ୟକ୍ତିଗତ, ବୃତ୍ତି ନିମିତ୍ତ, ସରକାରୀ କାର୍ଯ୍ୟାଳୟ ସମ୍ବନ୍ଧୀୟ, ସାମ୍ୟିକ ଛୁଟି ଓ ସଂପାଦକଙ୍କୁ ପତ୍ର)

(ଖ) ସଂକ୍ଷିପ୍ତକରଣ

(ଗ) ବ୍ୟାକରଣ

୧) ରୂଢ଼ିକୁ ବାକ୍ୟରେ ପ୍ରୟୋଗ

୨) ବିପରୀତ ଅର୍ଥବୋଧକ ଶବ୍ଦ

● ଦରଖାସ୍ତ ଓ ପତ୍ରଲିଖନରୁ ୨ଟି ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ଗୋଟିଏ ଉତ୍ତର ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ  $4 \times 1 = 4$  ନମ୍ବର ।

● ସଂକ୍ଷିପ୍ତକରଣ ନିମନ୍ତେ ଏକ ଗଦ୍ୟ ଅନୁଛେଦ ଦିଆଯିବ । ସେଥିରୁ ପରାକ୍ଷାର୍ଥୀ ଏକ ତୃତୀୟାଂଶ ଶବ୍ଦରେ ଉତ୍ତର ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ  $4 \times 1 = 4$  ନମ୍ବର ।

● ରୂଢ଼ି ପ୍ରୟୋଗ ଏବଂ ବିପରୀତ ଅର୍ଥବୋଧକ ଶବ୍ଦରୁ ୮ଟି ଲେଖାଏଁ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୫ଟି ଲେଖାଏଁ ଉତ୍ତର ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ  $1 \times 5 = 5$ ,  $1 \times 5 = 5 = 10$  ନମ୍ବର ।

ପାଠ୍ୟଗ୍ରହନ – ସାହିତ୍ୟ ଜ୍ଞ୍ଯାତି, ଦ୍ୱାଦଶ ଶ୍ରେଣୀ

ଓଡ଼ିଶା ରାଜ୍ୟ ପାଠ୍ୟ ପୁସ୍ତକ ପ୍ରଣାଳୀ ଓ ପ୍ରକାଶନ ସଂସ୍ଥା, ଭୁବନେଶ୍ୱର



# ୨୦୨୦-୨୧ ଶିକ୍ଷାବର୍ଷ ଉପଲକ୍ଷେ ସଂକୁଚିତ ପାଠ୍ୟଗ୍ରହଣ

## LANGUAGE – ODIA OPTAIONAL

ଇତ୍ତାଧୀନ ଓଡ଼ିଆ କଳାସ୍ମୋତ୍ସମାନ ନିମନ୍ତେ

ପ୍ରଥମ ବର୍ଷ (ଏକାଦଶ ଶ୍ରେଣୀ)

ପୂର୍ଣ୍ଣଶଙ୍ଖ୍ୟା – ୧୦୦

ସମୟ – ୩ ଘଣ୍ଟା

ପିରିଅଢ଼ ସଂଖ୍ୟା – ସାପ୍ତାହିକ – ୪ (ବାର୍ଷିକ ୫୭)

### ପ୍ରଥମ ଏକକ (Unit – I) (୧୪ ପିରିଅଢ଼)

୨୫ ନମ୍ବର

୧. ମଧ୍ୟକାଳୀନ : ‘ମଥୁରା ମଙ୍ଗଳ’ – ଉତ୍ତରରଣ ଦାସ – ପ୍ରଥମ ଓ ଦ୍ୱିତୀୟ ଛାନ୍ଦ

- ଏହି ଏକକରୁ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ସେଥିମଧ୍ୟ ପରାକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟି ବାଛି ଲେଖିବେ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୪ = ୪ ନମ୍ବର ।
- ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ନାଟି ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୩ = ୩ ନମ୍ବର ।
- ନାଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟି ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୨ × ୨ = ୪ ନମ୍ବର ।
- ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ଗୋଟିଏର ଉତ୍ତର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୩ × ୧ = ୩ ନମ୍ବର ।
- ୨ଟି ଦାର୍ଯ୍ୟ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ଗୋଟିଏର ଉତ୍ତର ୨୦୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୨୦ × ୧ = ୨୦ ନମ୍ବର ।

### ଦ୍ୱିତୀୟ ଏକକ (Unit – II) (୧୪ ପିରିଅଢ଼)

୨୫ ନମ୍ବର

୨. ଆଧୁନିକ କାବ୍ୟ : ନନ୍ଦିକେଶ୍ୱରୀ – କବିବର ରାଧାନାଥ ରାୟ – ୧ମ ସର୍ଗ

- ଏହି ଏକକରୁ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ସେଥିମଧ୍ୟ ପରାକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟି ବାଛି ଲେଖିବେ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୪ = ୪ ନମ୍ବର ।
- ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ନାଟି ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୩ = ୩ ନମ୍ବର ।
- ନାଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟି ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୨ × ୨ = ୪ ନମ୍ବର ।
- ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ଗୋଟିଏର ଉତ୍ତର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୩ × ୧ = ୩ ନମ୍ବର ।

- ୨ଟି ଦୀର୍ଘ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ଗୋଟିଏର ଉତ୍ତର ୨୦୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ  $10 \times 1 = 10$  ନମ୍ବର ।

### ତୃତୀୟ ଏକକ (Unit – III) (୧୪ ପିରିଆଡ଼ି)

୨୫ ନମ୍ବର

୩. ଉପନ୍ୟାସ : ମଲାଜିଷ୍ଟ୍ – ଉପେକ୍ଷା କିଶୋର ଦାସ

- ଏହି ଏକକରୁ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ସେଥିମଧ୍ୟ ପରାକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟି ବାଛି ଲେଖାବେ ।  
ଏହାର ମୂଲ୍ୟ  $1 \times 4 = 4$  ନମ୍ବର ।
- ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟି ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ  $1 \times 3 = 3$  ନମ୍ବର ।
- ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟି ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ  $2 \times 3 = 6$  ନମ୍ବର ।
- ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ଗୋଟିଏର ଉତ୍ତର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ  $3 \times 1 = 3$  ନମ୍ବର ।
- ୨ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ଗୋଟିଏର ଉତ୍ତର ୨୦୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ  $2 \times 1 = 2$  ନମ୍ବର ।

ଏହାର ମୂଲ୍ୟ  $10 \times 1 = 10$  ନମ୍ବର ।

### ଚଉର୍ଥ ଏକକ (Unit – IV) (୧୪ ପିରିଆଡ଼ି)

୨୫ ନମ୍ବର

୪. ବ୍ୟାକରଣ :

- ୧) ବାକ୍ୟ ପ୍ରକାରଭେଦ ଓ ପରିବର୍ତ୍ତନ
- ୨) ଛନ୍ଦ (ମିତ୍ରାକ୍ଷର ଓ ଅମିତ୍ରାକ୍ଷର)

- ଏହି ଏକକରୁ ୧୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧୦ଟି ପ୍ରଶ୍ନର ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟ ବା ଶବ୍ଦରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ  $1 \times 10 = 10$  ନମ୍ବର ।
- ଏହି ଏକକରୁ ୩ଟି ଦୀର୍ଘ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ  $3 \frac{1}{9} \times 9 = 28$  ନମ୍ବର ।

ପାଠ୍ୟଗ୍ରହ୍ୟ – ସାହିତ୍ୟ ଦୀପି, ପ୍ରଥମ ଭାଗ

ଓଡ଼ିଶା ରାଜ୍ୟ ପାଠ୍ୟ ପୁସ୍ତକ ପ୍ରଣାଳୀ ଓ ପ୍ରକାଶନ ସଂସ୍ଥା, ଭୁବନେଶ୍ୱର

# ୨୦୨୦-୨୧ ଶିକ୍ଷାବର୍ଷ ଉପଲକ୍ଷେ ସଂକୁଚିତ ପାଠ୍ୟଗୀତା

## LANGUAGE – ODIA OPTAIONAL

ଇଞ୍ଜାଧୀନ ଓଡ଼ିଆ କଳାସ୍ମୋତ୍ସମାନକ୍ରମରେ

ଦ୍ୱିତୀୟ ବର୍ଷ (ଦ୍ୱାଦଶ ଶ୍ରେଣୀ)

ପୂର୍ଣ୍ଣବର୍ଷା – ୧୦୦

ସମୟ – ୩ ଘଣ୍ଟା

ପିରିଅଢ଼ ସଂଖ୍ୟା – ସାପ୍ତାହିକ – ୪ (ବାର୍ଷିକ ୫୭)

ପ୍ରଥମ ଏକକ (Unit – I) (୧୧ ପିରିଅଢ଼)

୨୦ ନମ୍ବର

୧. ପ୍ରାଚୀନ ଓ ମଧ୍ୟକାଳୀନ କବିତା

୧. ପର୍ବତୀରାମ ଭେଟ – ବଳରାମ ଦାସ

୨. ସରହ ସୁନ୍ଦରୀ – ଅବୁଧାନନ୍ଦ ଦାସ

୩. ଧାରେ ରାଧା କର ଧରି – ଅଭିମନ୍ୟ ସାମନ୍ତରିଂହାର

- ଏହି ଏକକରୁ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ସେଥିମଧ୍ୟ ପରାକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟି ବାଛି ଲେଖିବେ ।

ଏହାର ମୂଲ୍ୟ ୧ × ୪ = ୪ ନମ୍ବର ।

- ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟି ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୧ × ୩ = ୩ ନମ୍ବର ।

- ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟି ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୨ × ୨ = ୪ ନମ୍ବର ।

- ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ଗୋଟିଏର ଉତ୍ତର ୩ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୩ × ୩ = ୯ ନମ୍ବର ।

- ୨ଟି ୪ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ଗୋଟିଏର ଉତ୍ତର ୨ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୨ × ୨ = ୪ ନମ୍ବର ।

ଦ୍ୱିତୀୟ ଏକକ (Unit – II) (୧୧ ପିରିଅଢ଼)

୨୦ ନମ୍ବର

୨. ଆଧୁନିକ କାବିତା :

୧) ନିର୍ବାସିତର ବିଳାପ - ମଧୁସୂଦନ ରାଓ

୨) ସାବରମତୀର ମହାମାନବର ଚରଣ ତଳେ - ଗୋଦାବରାଣୀ ମହାପାତ୍ର

୩) କମଳ ପ୍ରତି - କୁତ୍ରଳା କୁମାରୀ ସାବତ

- ଏହି ଏକକରୁ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ସେଥିମଧ୍ୟ ପରାକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟି ବାଛି ଲେଖିବେ ।

ଏହାର ମୂଲ୍ୟ ୧ × ୪ = ୪ ନମ୍ବର ।

- ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟି ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୩ = ୩ ନମ୍ବର ।
- ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟି ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୨ × ୨ = ୪ ନମ୍ବର ।
- ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉତ୍ତର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୩ × ୧ = ୩ ନମ୍ବର ।
- ୨ଟି ୪ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ଗୋଟିଏର ଉତ୍ତର ୧୫୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୪ × ୧ = ୪ ନମ୍ବର ।

### **ତୃତୀୟ ଏକକ (Unit – III) (୧୧ ପିରିଆଡ଼)**

୩. ପ୍ରବନ୍ଧ :

- ୧) ଆଧ୍ୟାତ୍ମିକ ଭିତ୍ତି – ରହୁକର ପତି
  - ୨) ସମାନତା : ସ୍ଵାଧୀନତା : ଭ୍ରାତୃଭ୍ରାତା – ବିଭିନ୍ନ ଦାସ
  - ୩) ଛୋଟ ହିଁ ସ୍ଵାନ୍ଦର – ଶରତ କୁମାର ମହାନ୍ତି
- ଏହି ଏକକରୁ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ସେଥିମଧ୍ୟ ପରାକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟି ବାଛି ଲେଖୁବେ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୪ = ୪ ନମ୍ବର ।
  - ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟି ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୩ = ୩ ନମ୍ବର ।
  - ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟି ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୨ × ୨ = ୪ ନମ୍ବର ।
  - ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ଗୋଟିଏର ଉତ୍ତର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୩ × ୧ = ୩ ନମ୍ବର ।
  - ୨ଟି ୪ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉତ୍ତର ୧୫୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୪ × ୧ = ୪ ନମ୍ବର ।

### **ଚଉର୍ଥ ଏକକ (Unit – IV) (୧୧ ପିରିଆଡ଼)**

୪. କ୍ଷୁଦ୍ରଗଞ୍ଜ :

- ୧) ପକ୍ଷାଧାର – ବାମାତରଣ ମିତ୍ର
- ୨) ମେଡିକାଲ କଲେଜରେ ମେହେର ଜୟନ୍ତୀ - ଫାଇଲ୍‌ରାଜନୀ
- ୩) ବାତ୍ରୀଶରାଣୀ – ବାଣୀପାଣି ମହାନ୍ତି

୨୦ ନମ୍ବର

୨୦ ନମ୍ବର

- ଏହି ଏକକରୁ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଁସମାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ସେଥିମଧ୍ୟ ପରାକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟି ବାଛି ଲେଖୁବେ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୪ = ୪ ନମ୍ବର ।
- ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟି ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୩ = ୩ ନମ୍ବର ।
- ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟିର ଉତ୍ତର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୨ × ୨ = ୪ ନମ୍ବର ।
- ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ଗୋଟିଏର ଉତ୍ତର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୩ × ୧ = ୩ ନମ୍ବର ।
- ୨ଟି ୪ ନମ୍ବର ଦୀର୍ଘ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉତ୍ତର ୧୫୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୪ × ୧ = ୪ ନମ୍ବର ।

## ପଞ୍ଚମ ଏକକ (Unit – V) (୧୨ ପିରିଅଡ଼)

୨୦ ନମ୍ବର

୪. ବ୍ୟାକିରଣ :

- ୧) ଅଳଙ୍କାର (ଅନୁପ୍ରାସ, ଯମକ, ଶ୍ଲେଷ, ଉପମା, ରୂପକ, ବ୍ୟତିରେକ, ଉଦ୍‌ଘେଷା, ବିଭାବନା)
  - ୨) ସନ୍ଧି
- ଏହି ଏକକ (ଅଳଙ୍କାର ଓ ସନ୍ଧି)ରୁ ୧୫ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧୦ଟି ପ୍ରଶ୍ନର ଉତ୍ତର ଗୋଟିଏ ବାକ୍ୟ ବା ଶବ୍ଦରେ ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୧ × ୧୦ = ୧୦ ନମ୍ବର ।
  - ଅଳଙ୍କାରର ସଂଜ୍ଞା, ସ୍ଵରୂପ, ଲକ୍ଷଣ ଓ ଉଦାହରଣ ନିର୍ଦ୍ଦେଶ କରିବା ପାଇଁ ୩ଟା ଦୀର୍ଘ ଉତ୍ତରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟିର ଉତ୍ତର ଦେବାକୁ ହେବ ।  
ଏହାର ମୂଲ୍ୟ ୪ × ୨ = ୧୦ ନମ୍ବର ।

ପାଠ୍ୟଗ୍ରହନ୍ତି – ସାହିତ୍ୟ ଦୀର୍ଘ, ଦ୍ୱିତୀୟ ଭାଗ

ଓଡ଼ିଶା ରାଜ୍ୟ ପାଠ୍ୟ ପୁସ୍ତକ ପ୍ରଣାଳୀ ଓ ପ୍ରକାଶନ ସଂସ୍ଥା, ଭୁବନେଶ୍ୱର



## Revised Syllabus 2020-21

### **POLITICAL SCIENCE** **First Year**

#### **Political Science Paper-i (Foundation of Politics and Government)**

##### **PART-A POLITICAL THEORY** **UNIT-I(Understanding Political Theory)**

<b>SI.</b>	<b>TOPIC</b>	<b>No of Periods</b>
1	<b>Political Theory: An Introduction</b> -What is Politics? Nature and scope of Politics; Usages of Political Theory.	4
2	<b>State:</b> Definition; Elements of State.	4

##### **UNIT-II (Basic Concepts)**

<b>SI.</b>		
1	<b>Liberty:</b> Positives and Negative Liberty; Types of Liberty	2
2	<b>Equality:</b> Meaning; Dimensions; Significance of Equality.	2
3	<b>Justice:</b> Meaning; Dimensions; Significance of Social Justice.	2
4	<b>Rights:</b> Meaning; Types; .	4
5	<b>Secularism:</b> Meaning; Western and Indian approaches to Secularism.	2

#### **PART-B INDIAN CONSTITUTION AT WORK**

##### **UNIT-III (Indian Constitution)**

1	<b>Philosophy of the Constitution;</b> Constitution- the Making; Constituent Assembly; Preamble; Basic Features.	8
2	<b>Rights in the Indian Constitution;</b> Fundamental Rights; Directive Principles of State Policy; Relationship between Fundamental Rights & Directive Principles of State Policy; Fundamental Duties.	8

##### **UNIT-IV (Constitution at work-I)**

<b>SI.</b>	<b>TOPIC</b>	<b>No of Marks</b>	<b>No. Periods</b>
1	<b>Election and Representation:</b> Elections and Democracy; Election Commission- Composition and Functions;	8	
2	<b>Legislature:</b> Parliament- Composition and Functions; State Legislatures (Odisha Vidhan Sabha) Composition and Functions.	8	

##### **UNIT-V (Constitution at work-II)**

<b>SI.</b>		<b>No. Periods</b>
1	<b>Executive:</b> President- Powers & Position; Prime Minister-	8

Functions & Role; Governor- Powers and Position; Chief Minister- Functions & Role.

- 2 **Judiciary:** Structure of Judiciary; Supreme Court; High Court; 10

### **Second Year CHSE**

Political Science Paper-II ( DEMOCRACY IN INDIA AND INTERNATIONAL POLITICS)

PART-A POLITICS IN INDIA UNIT-I(Democracy in India-)

<b>SI.</b>	<b>TOPIC</b>	<b>No of Marks</b>	<b>No. Periods</b>
1	Democracy: Meaning, Types and Features; Challenges to Democratic Process in India- Inequality, Illiteracy, Regionalism, Naxalite Problem, Gender Inequality.	8	
2	Party system in India: Meaning, Types; One Party Dominance, Coalition Politics; Regional Parties.	8	

### **UNIT-II (Democratic process in India-1)**

<b>SI.</b>	<b>TOPIC</b>	<b>No of Marks</b>	<b>No. Periods</b>
1	Federalism in India: Features; Centre-State relation; Recent Trends in Indian Federalism.	8	
2	Local Governance in India-Rural & Urban Local Bodies- Composition & Functions.	8	

### **Unit-III Democratic process in India-II)**

<b>SI.</b>		<b>No. Periods</b>
1	Challenges to Nation-Building: Meaning; Communalism, Casteism, Regionalism, Terrorism; Remedies.	
2	Contemporary issues in Indian Politics: Popular Movements-Women Movement; Environment protection Movements; Development- Displacement Movements.	8

### **PART-B CONTEMPORARY WORLD POLITICS**

#### **UNIT-IV (India in World Politics)**

<b>SI.</b>	<b>TOPIC</b>	<b>No of Marks</b>	<b>No. Periods</b>
1	Indian Foreign Policy: Basic Features; India and its neighbours-China, Pakistan.	8	

#### **UNIT-V (Issues in International Politics)**

<b>SI.</b>	<b>TOPIC</b>	<b>No of Marks</b>	<b>No. Periods</b>
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Deleted

**NB: No change in Question Pattern**

# **Revised Syllabus of CHSE(O) for 2020-21 session**

## **PSYCHOLOGY ELECTIVE**

### **FOUNDATIONS OF PSYCHOLOGY FIRST YEAR**

**Total Marks : 100**

Theory - 70 marks

Practical - 30 marks

#### **THEORY**

##### **UNIT -I**

###### **1. What is Psychology ?**

This chapter seeks to help in understanding and appreciating psychology as a discipline, its application and relationship with other sciences.

- a) Meaning and definition of Psychology
- b) Psychology as a science

###### **2. Methods used in Psychology**

The objective of this chapter is to familiarize with the methods of studying and understanding behaviour

- a) Experimental method b) Observational Method :
  - i) Naturalistic Observation
  - ii) Subjective observation or Introspection

##### **UNIT -II**

###### **3. Physiological bases of behavior:**

This chapter focuses on the role of biological factors in the shaping of human behaviour and experience.

- a) Structure and function of neuron
- b) Structure and function of central Nervous system i) Spinal cord ii) Brain

###### **4. Sensory and Perceptual Processes :**

This unit aims at understanding how various sensory stimuli are received, attended to and given meaning.

- a) Attention : Determinant and types of attention  
Arts Stream 105
- b) Perception : Meaning, operational definition, processes involved in perception (Receptive, Selective, Symbolic and Affective Process)
- c) Principles of perceptual organization
- e) Errors in perception : Illusion and Hallucination

##### **UNIT-III**

###### **5. Learning**

This chapter focuses on how human beings acquire new behaviour and how changes in behaviour take place.

- a) Meaning and operational definition of learning, Learning as distinguished from maturation and performance.

- b) Processes of learning :
- i) Trial and Error Learning
  - ii) Classical conditioning
  - v) Observational learning

## **6. Human memory**

This chapter deals with how information is received, stored, retrieved and lost. It also explains how memory can be improved.

- a) Memory Process :
  - i) Encoding ii) Storage iii) Retrieval
- b) Systems (stages) of memory :
  - i) Sensory Memory ii) Short Term Memory iii) Long term Memory
- c) Measurement of Memory
  - i) Recall ii) Recognition iii) Saving or Relearning

## **UNIT - IV**

### **7. Motivation and Emotion**

This chapter deals with why human beings behave as they do. It also deals with how people experience positive and negative events and respond to them.

- a) Meaning and Nature of Motivation
- b) Types of motives ; Biological, Social and Psychological
- c) Meaning and nature of emotion;
- d) Bodily changes during emotion.

### **8. Processes of Thinking**

This chapter deals with thinking related processes like reasoning, problem solving, decision making and creative thinking.

- i) Meaning and definition
- iv) Creative Thinking : Nature and stages of creative thinking

## **UNIT-V**

### **9. Intelligence**

This chapter aims at studying how people differ with respect to intelligence.

- a) Meaning and Nature of Intelligence
- c) Factors influencing intelligence

## **PRACTICAL**

1. Span of Attention
3. Sensory - Motor Learning
4. Memory for meaningful words and nonsense syllables

## **Books Recommended :**

1. Psychology Part - 1, NCERT
2. Bureau's Higher secondary +2 Psychology, Part-1,  
Published by Odisha State Bureau of Text Book Preparation and Production, Bhubaneswar.

## **PSYCHOLOGY IN APPLICATION SECOND YEAR**

### **Total Marks - 100**

Theory - 70 marks

Practical - 30 marks

### **THEORY**

#### **UNIT-I**

##### **Period**

##### **1. Life span development**

This chapter deals with variations in development and the developmental tasks across the life span.

- a) Meaning of development - Life span perspective
- b) Principles of development
- c) Stages of development : Pre-natal stage, Infancy, childhood stage, Adolescence, Adulthood and old age.

##### **2. Self and Personality Deleted**

#### **UNIT-II**

##### **3. Stress : Meeting life challenges**

This chapter deals with the nature of stress and strategies to cope with stress.

- a) Meaning, Nature and causes of stress.
- b) Coping strategies to deal with stress.

##### **4. Physical environment and behaviour.**

This chapter focuses on the application of psychological understanding of human- environment relationship.

- a) Human impact on environment: Noise Pollution, Crowding, Natural disaster.
- b) Impact of environment on human behaviour.

#### **UNIT-III**

##### **5. Group Processes and leadership.**

Deleted

##### **6. Counselling Processes**

This chapter focuses on helping the client in living a meaningful and fulfilling life.

- a) Meaning and concept of counselling; Goals of counselling.
- b) Characteristics of an effective counsellor.

## **UNIT-IV**

### **7. Psychological disorder**

This chapter discusses the concept of normality and abnormality and the major psychological disorders.

- a) Concept of normality and abnormality, criteria of studying abnormal behaviour
- b) Causal factors associated with abnormal behaviour.
- c) Major Psychological disorders : Anxiety disorders, somatoform disorder and mood disorders.

### **8. Therapeutic Approaches**

Deleted

## **UNIT-V**

### **9. Statistics in Psychology**

This chapter deals with some basic statistical methods to be used in psychological studies.

- a) Frequency distribution
- b) Measures of Central Tendency : Computation and uses of mean, median and mode.

## **PRACTICALS**

1. RCPM (Children) / RPM (Adults)
2. Case History Method (Preparation of at least one case profile)
3. Personality Test (Type A/B)

## **Books Recommended :**

1. Bureau's Higher Secondary +2 Psychology Part I and Part-II  
Published by Odisha State Bureau of Test Book Preparation and Production, Bhubaneswar.
2. NCERT, Part-I & II

## **Modified Syllabus For Session 2020-21**

### **SANSKRIT**

(Elective)

#### **FIRST YEAR**

There shall be one paper carrying 100 marks.

The duration of Examination will be of three hours.

#### **COURSE STRUCTURE**

	Marks allotted
(a) Reading skill	20
(b) Writing skill	40
(c) Literary text	40
	<b>Total 100 Marks</b>
Topics	Classes required
(a) Poetry	30
(b) Prose	25
(c) History of Sanskrit Literature	10
(d) Grammar and Translation	15
	<b>Total 80 classes</b>

#### **PORTION TO BE STUDIED**

- (a) Poetry - Kumarasambhavam of Kalidasa (Canto V) **21 Periods**  
कुमारसम्भवम् (पञ्चम सर्गः)(Verses 63 to 85 to be deleted)
- (b) Prose - Sanskrutamandakini (Gadyabhagah) **18 Periods**  
संस्कृतमन्दाकिनी (गद्यभागः)  
1. उपमन्यु कथा (Upamanyukatha)  
2. परहितसाधनम् (Parahitasadhanam)  
3. मुद्रिकाप्राप्ति (Mudrikaprapthi)  
4. चन्द्रभूषणतिकथा (Chandrabhupati Katha)  
5. ससोमिराकथा (Sasemirakatha)
- (c) History of Sanskrit literature **07 Periods**  
History of the following authors and their works are to be studied.  
1. वाल्मीकि — Valmiki  
2. व्यास - Vyasa  
3. कालिदास - Kalidasa  
4. भास — Bhasa  
5. विष्णुशर्मा - Visnusarma  
6. जयदेव — Jayadeva  
7. विश्वनाथकविराज - Visvanath Kaviraja

- (d) Translation into Odia/English from the text (Prose and Poetry)  
 (e) Grammar

**10 Periods**

**01. Grammar from Prose and Poetry**

- i. कारक-विभक्ति (Karaka - vibhakti)
- ii. प्रकृति प्रत्यय (Prakruti-pratyaya)

**02. Topics from the Grammar text**

- i. कृदन्त - (Krudanta) - शतृ, शान्च, तव्य, अनीयर, वत, कत्वा, ल्यप, तुमुन्,
- ii. वाक्यरचनम् - (Sentence formation)
- iii. भ्रमसेंशोधन - (Correction of sentences)

**BOOKS RECOMMENDED :**

- 1) संस्कृतमन्दाकिनी - Published by Odisha State Bureau of Text Book Preparation and Production
- 2) संस्कृतसाहित्य-ईतिहास - History of Sankrit literature by A.B. Keith, Published by Odisha State Bureau of Text Book Preparation and Production.
- 3) व्याकरणदर्पणः - Published by Odisha State Bureau of Text Book Preparation and Production
- 4) कु संस्कृतकवि-परम्परा - Published by Odisha State Bureau of Text Book Preparation and Production
- 5) कुमारसम्भवम् - Published by Odisha State Bureau of Text Book Preparation and Production

**QUESTIONS PATTERN AND DISTRIBUTION OF MARKS**

**SANKRIT (ELECTIVE)**  
**FIRST YEAR**

1. Reading skill : [ 20 Marks]
  - (i) Multiple choice questions from Prose and Poetry  $(3 + 2) [1 \times 5 = 5 \text{ Marks}]$
  - (ii) Very short type questions from Prose and Poetry  $(2 + 3) [1 \times 5 = 5 \text{ Marks}]$
  - (iii) Short questions from Prose and Poetry  $(1 + 1) [2 \times 2 = 4 \text{ Marks}]$
  - (iv) Questions from Prose and Poetry  $(1 + 1) [3 \times 2 = 6 \text{ Marks}]$  (out of four (4) questions)
2. Writing skill: [40 Marks]
  - i. Questions from the Grammar text [10 Marks]
    - a) Krdanta  $[1 \times 3 = 3 \text{ Marks}]$
    - b) Vakyarana  $[1 \times 4 = 4 \text{ Marks}]$
    - c) Bhrama sansodhana  $[1 \times 3 = 3 \text{ Marks}]$
  - ii. Translation of verse into Odia / English from Poetry text  $[4 \times 1 = 4 \text{ Marks}]$  (out of two verses)
  - iii. Translation of one passage into Odia / English from Prose text  $[6 \times 1 = 6 \text{ Marks}]$
  - iv. Two questions from Poetry text  $[5 \times 2 = 10 \text{ Marks}]$
  - v. Two questions from Prose text (out of four)  $[5 \times 2 = 10 \text{ Marks}]$

3. Literary text[40 Marks]

- i) Questions from text (Prose and Poetry) [10 Marks]
  - a) Karaka-vibhakti [ $1 \times 5 = 5$  Marks]
  - b) Prakrti-prataya [ $1 \times 5 = 5$  Marks]
- ii) Explanation of a verse (Poetry) [ $6 \times 1 = 6$  Marks]
- iii) Two short question from Poetry [ $4 \times 2 = 8$  Marks]
- iv) One long question from Poetry [ $8 \times 1 = 8$  Marks]
- v) One Long Question from prose [ $8 \times 1 = 8$  Marks]

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

## SANSKRIT

(Elective)

### SECOND YEAR

There shall be one paper carrying 100 marks.

The duration of Examination will be of three hours.

#### COURSE STRUCTURE

		Marks allotted
(a)	Reading skill	20
(b)	Writing skill	40
(C)	Literary text	40
		<b>Total 100 Marks</b>
<b>Topics</b>		<b>Classes required</b>
(a)	Drama	35
(b)	Poetry	25
(c)	Grammar and Translation	20
		<b>Total 80 classes</b>

#### PORTION TO BE STUDIED

- |     |   |                   |
|-----|---|-------------------|
| (a) | Drama - Suapnavasavadattam of Bhasa<br>स्वप्नवासवदत्तम् (1to 5 Act) 6 <sup>th</sup> Act to be deleted   | <b>25 Periods</b> |
| (b) | Poetry - Samskrtamadakini (Prathambhagah)<br>संस्कृतमन्दाकिनी (पद्यभागः)  | <b>17 Periods</b> |
|     | 01. चाणक्यनीतिः - Canakyanith (Verses 01 to 20) 21 to 24 to be deleted  |                   |
|     | 02. रघुबंशम् - Raghuvamsam (Verses 01 to 15) 16 to 20 to be deleted   |                   |
| (c) | Grammar<br>01. Gramar from Drama Poetry <ul style="list-style-type: none"> <li>i. कारक-विभक्ति (Karaka - vibhakti)</li> <li>ii. सन्धिविच्छेद - Sandhivichchheda)</li> </ul> 02. Topics from the Grammar text <ul style="list-style-type: none"> <li>(i) शब्दरूप (Sabdarupa) -देव, कवि, पति, , भारू, गच्छत्, भवत्, महत्, राजन्, गुपिन्,</li> <li>(ii) श्रीलिङ्गं (Strilinga) - लता, मति, नदी, मातृ, विपद्</li> </ul> | <b>14 Periods</b> |

- (iii) क्लीवलिङ्ग (Klivalinga) - फल, वारि, मधु, कर्मन्, , पयस्
- (iv) सर्वनाम (Sarbanama) - तद्, , इदम्, सर्व, युज्मद्, अस्मद्
- (v) संख्यावाचक (Samkhyavacaka) - एक, द्वि, त्रि.

03. धातुरूप (Dhaturupa) - भू, गम्, दृश्, कृ, पठ्, अस्, नी, पा, लभ्, दा, पूज्

04. खीप्रत्यय (Stripratyaya)

#### **BOOKS RECOMMENDED :**

1. संस्कृतमन्दाकिनी - Published by Odisha State Bureau of Text Book Preparation and Production
2. व्याकरणदर्पणः - Published by Odisha State Bureau of Text Book Preparation and Production
3. स्वज्ञवासवदत्तम् - Published by Odisha State Bureau of Text Book Preparation and Production

### **QUESTIONS PATTERN AND DISTRIBUTION OF MARKS**

#### **SANKRIT (ELECTIVE)**

#### **SECOND YEAR**

1. Reading skill : [ 20 Marks]

- (i) Multiple choice questions from Drama and Poetry (3 + 2) [ $1 \times 5 = 5$  Marks]
- (ii) Very short type questions from Drama and Poetry (2 + 3)[ $1 \times 5 = 5$  Marks]
- (iii) Short questions from Drama and Poetry (1 + 1) [ $2 \times 2 = 4$  Marks] (out of four (4) questions)
- (iv) Questions from Drama and Poetry (1 + 1) [ $3 \times 2 = 6$  Marks] (out of four (4) questions)

2. Writing skill : [40 Marks]

- (i) Questions from the Grammar text [10 Marks]
  - iii. Sabdarupa [ $1 \times 4 = 4$  Marks]
  - iv. Dhaturupa [ $1 \times 4 = 4$  Marks]
  - v. Stripratyaya [ $1 \times 2 = 2$  Marks]
- ii) Translation of verse into Odia / English from Drama and Poetry [ $4 \times 1 = 4$  Marks] (out of two verses)
- iii) Translation of unseen passage from Odia / English to Sanskrit [ $6 \times 1 = 6$  Marks]
- iv) Two questions from Drama (out of four) [ $5 \times 2 = 10$  Marks]
- v) Two questions from Poetry (out of four) [ $5 \times 2 = 10$  Marks]

3. Literary text[40 Marks]

- i) Questions from text (Drama and Poetry) [10 Marks]
  - (a) Karaka-vibhakti [ $1 \times 4 = 4$  Marks]
  - (b) Sandhi vichheda [ $1 \times 6 = 6$  Marks]
- ii) One questions from Drama [ $4 \times 1 = 4$  Marks]
- iii) Explanation of a verse (Poetry) [ $6 \times 1 = 6$  Marks]
- iv) One long question from Drama [ $10 \times 1 = 10$  Marks]
- v) One long question from Poetry [ $10 \times 1 = 10$  Marks]

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

# **Modified Syllabus for 2020-21 session**

## **M.I.L. (Sanskrit)**

### **FIRST YEAR**

#### **Total Classes - 56**

There Shall be one Paper carrying 100 marks. The duration of examination will be of 3 (three)

hours

#### **COURSE STRUCTURE**

	Classes required	Marks allotted
a)	Reading Skill	20
b)	Writing Skill	25
c)	Literary Text	35
	Total	80 Classes 100 Marks

#### **PORTIONS TO BE STUDIED**

**a) Prose - Sanskrutaprabha (Gadyabhagah)                  18 Periods**

संस्कृतप्रभा-गद्यभागः:

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

1. मनुमत्स्यारख्यानम् (Manumatsyakhyanam)
2. चतुरशृगालः (Chaturasrugalah)
3. जाबालः सत्यकामः (Jabalah Satyakamah)

**b) Poetry - Samskrutaprabha (Podyabhagah)                  20 Periods**

संस्कृतप्रभा (पद्यभागः):

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

1. सुभाषितावली (Subhasitavali)
2. वसन्तः (Vasantah)

**c) Grammar from the Prose and Poetry**

- 1) सन्धिविच्छेद Sandhi Viccheda
- 2) कारकविभक्ति (Karak Vibhakti)
- 3) प्रकृतिप्रत्यय (Prakrti Pratyaya)

**d) Topics from the Grammar text (Grammar & Translation 14 Periods)**

- 1) श्रीप्रत्यय Stripratyaya
- 2) एकपदीकरण Formation of single word from Stripratyaya

**e) Translation and Comprehension (4 Periods)**

1. Comprehension - Sanskrit Passage from the comprehension pasages of

- संस्कृतप्रभा, Part – I ( 1 to 4 ) ( 5 to 8 to be deleted )
2. Translation into Odia/English from prose and Poetry, translation from Sanskrit to Odia/ English.

#### **f) Writing Skill**

The art of writing - Textual Explanation, Textual long questions.

#### **Books Recommended**

Sanskrtaprabha, Part - I - संस्कृतप्रभा - प्रथमोभागः

Published by Odisha State Bureau of Textbook Preparation and Production.

Vyakarana - darpants - व्याकरण दर्पणः

Published by Odisha State Bureau of Textbook Preparation and Production.

#### **M.I.L. (Sanskrit)**

#### **FIRST YEAR**

<b>1. Reading Skill -</b>	<b>20 Marks</b>
i) Multiple choice questions from Prose & Poetry (3+2)	1 x 5 = 5 Marks
ii) Very short questions from Prose & Poetry (2 + 3)	1 x 5 = 5 Marks
iii) Short questions from Prose & Poetry (1 + 1)	2 x 2 = 4 Marks (out of 04 questions)
iv) Two questions from prose & poetry (1+1)	3 x 2 = 6 Marks (out of 4 questions)
<b>2. Writing Skill</b>	
i) Very short questions from Grammar Text - 10 Marks	
a. Stripratyaya - 1 x 5 = 5 Marks	
b. Ekapadikarana - 1 x 5 = 5 Marks	
ii) Translation of verse into Odia / English from Poetry Text - 5 x 2 =10 Marks (two out of 03 verses)	
iii) Translation of one passage into Odia/English from Prose Text - 10 x 1 = 10 Marks	
iv) Translation of an Unseen Sanskrit Passage to Odia/English from given Passage - 1 No.	10 x 1 = 10 Marks
<b>3. Literary Text</b>	<b>40 Marks</b>
i) Grammar from Prose : (Sandhiviccheda) - 1 x 4 = 4 Marks	
ii) Grammar from Poetry : Karak-Vibhakti - 1 x 3 = 3 Marks	
Prakrati - Pratyaya - 1 x 3 = 3 Marks	
iii) Two questions from Prose & Poetry (1+1) 6 x 2 = 12 Marks (with in 30 words) (out of 4 questions)	
iv) Explanation of Verse from Poetry text (one)	

$08 \times 1 = 08$  Marks (out of two verses)

v) Comprehension (one passage) from text (1 - 4)  $2 \times 5 = 10$  Marks

N.B. : Answer in Sanskrit are to be written either in Odia script or in Devanagari script.

## M.I.L. (Sanskrit)

### SECONDYEAR

#### (56) Periods

There shall be one paper carrying 100 Marks. The duration of Examination will be of three hours.

### COURSE STRUCTURE

	Classes required	Marks allotted
a)	Reading Skill	20
b)	Writing Skill	25
c)	Literary Text	35
	Total	80 Classes
		100 Marks

### PARTS TO BE STUDIED

#### a) Prose - Sanskrutaprabha (Gadyabhagah) 18 Periods

संस्कृतप्रभा - गद्यभागः:

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

- कपोतलुब्धकथा (Kapotalubdhakakatha)
- गुणिगुणहीनविवेकः (Gunigunahinavivekah)
- रामतपोवनाभिगमनम् (Ramatapovanabhigamanam)

#### b) Poetry - Samskrutaprabha (Podyabhagah) 20 Periods

संस्कृतप्रभा (पद्यभागः)

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

- गीतास्वरभम् (Gitasourabham)
- रघुवंशम् (Raghuvamsam) 1 to 16 (17 to 30 to be deleted)

#### c) Grammar from the Prose and Poetry 14 Periods

- कारकविभक्ति (Karak Vibhakti)
- सन्धिविच्छेद Sandhi Viccheda

### Topics from the Grammar text

- शब्दरूप Sabdarupa (नर, फल, लता, मुनि, मति, वारि, नदी, पितृ, मातृ, गच्छत्, , तद्, अस्मद्, युष्मद्, द्वि, त्रि, )
- धातुरूप Dhaturupa (भू, गम्, पद्, कृ, अस्, )

### 3. स्त्रीप्रत्यय Stri-pratyaya

#### e) Translation and Comprehension . 4 Periods

1) Comprehension - Sanskrit Passage from the comprehension pasages of संस्कृतप्रभा, Part-II (9 to 12 passages to be studied) (13 to 16 to be deleted)

2) Translation into Odia/English from Prose and Poetry, Translation from Odia/English to Sanskrit.

#### f) Writing Skill

The art of writing - Textual Explanation, Textual long questions

#### Books Recommended

1) Sanskrta-prabha, Part - II - संस्कृतप्रभा - द्वितीयो भागः:

Published by Odisha State Bureau of Textbook Preparation and Production.

2) Vyakarana - darpants - व्याकरण दर्पणः:

Published by Odisha State Bureau of Textbook Preparation and Production.

## M.I.L. (Sanskrit)

### SECOND YEAR

1.	<b>Reading Skill -</b>	<b>20 Marks</b>
i)	Multiple choice questions from Prose & Poetry (3+2)	1 x 5 = 5 Marks
ii)	Very short questions from Prose & Poetry (2 + 3)	1 x 5 = 5 Marks
iii)	Short questions from Prose & Poetry (1 + 1)	2 x 2 = 4 Marks (out of 4 questions)
iv)	Two questions from Prose & Poetry (1+1)	3 x 2 = 6 Marks (out of 4 questions)
2.	<b>Writing Skill</b>	<b>40 Marks</b>
i)	Very short questions from Grammar Text - 10 Marks	
a.	Sabdarupa - 1 x 4 = 4 Marks	
b.	Dhaturupa - 1 x 3 = 3 Marks	
c.	Stri-pratyaya - 1 x 3 = 3 Marks	
ii)	Translation of verse into Odia / English from Poetry Text - 5 x 2 = 10 Marks (out of 02 verses)	
iii)	Translation of passage to Odia/English from Prose Text – 10 x 1 = 10 Marks	
iv)	Unseen Passage translation from Odia/English to Sanskrit - 10 Marks	
3.	<b>Literary Text</b>	<b>40 Marks</b>
i)	Grammar from Prose/Poetry Text - 10 Marks	
	Karaka-Vibhakti - 2 x 3 = 6 Marks	
	Sandhi and Sandhi-Vicchhedha - 1 x 4 = 4 Marks	
ii)	Explanation of Verse from Poetry text (one) 8 x 1 = 8 Marks	
iii)	Questions from Prose & Poetry (1+1) 6 x 2 = 12 Marks (out of 4 questions)	
iv)	Comprehension of passage from text (9 - 12) 2 x 5 = 10 Marks	

N.B. : Answer in Sanskrit are to be written either in Odia script or in Devanagari script.

# **Revised Syllabus For the session 2020-21**

## **SOCIOLOGY Paper- I**

<b>Introducing Sociology</b>	<b>Periods</b>
<b>Unit - I Sociology &amp; Its Relationship</b>	
Meaning, Nature and Scope	4
Relationship of Sociology with Social Sciences - History, Economics, Anthropology, Psychology, Political Science.	
5	
<b>Unit - II Basic Concepts</b>	
• Society - Meaning and Characteristics, Individual and Society	
2	
• Community - Meaning and Characteristics	
2	
• Association - Meaning & Characteristics	2
• Social Group - Meaning and Characteristics ,Types Primary, Secondary In-Group, Out-Group	
• Culture - Meaning, Characteristics,	
3	
Types - Material, Non-Material, Importance	
<b>Unit - III Social Institutions</b>	
• Family - Meaning, Characteristics, Types, Functions	3
• Kinship - Meaning, Characteristics, Types	
3	
<b>Unit - IV Process, Stratification and Change</b>	
• Social Processes :	
Associative - Co-operation, Accommodation /Dissociative-	
5	
- Competition, Conflict	
• Social Stratification - Meaning, Characteristics,	
2	
• Social Change - Meaning, Characteristics/ Factors -	
Technological Cultural	5
<b>Unit - V Sociology, Methods and Techniques</b>	
• Methods : Observation - Meaning and Types	2
• Tools and Techniques : Questionnaire and Schedule - Meaning,	
4	
Merits and Demerits	

## **SOCIOLOGY**

## **Paper- II**

## **Indian Society**

<b>Unit - I Introducing Indian Society Periods</b>	
• Composition of Indian Society ,	
Linguistic, Religious, Tribal	
• Unity & Diversity - Factors of Unity & Diversity	
4	4
<b>Unit - II Indian Social Structure</b>	

• Caste System - Meaning, Characteristics, Recent Changes, Caste and Class	6
• Hindu Joint family - Meaning, Characteristics , Recent Changes	3
• Village Community - Meaning and Characteristics/ Rural -Urban Linkages and Divisions	3

### **Unit - III The Challenges of Cultural Diversity**

- National Integration : Concept and obstacles - Communalism, Regionalism, Casteism,	2
	2

### **Unit-IV Social Inequality, Exclusion and Movement**

• Marginalized Classes : Scheduled Castes, Scheduled Tribes, 4	
Constitutional Safeguards	2
• Tribal Movements	2
• Peasant Movements	2

### **Unit-V Change and Development in India**

• Industrialization - Meaning, Characteristics, Impact	3
• Globalization - Meaning, Characteristics, Impact	3

**N.B : No Change in Question Pattern**

# **Revised Syllabus of CHSE(O) for the session**

**2020-21**

## **STATISTICS**

**(FOR 2016-17 BATCH AND ONWARDS)**

There shall be two Theory papers in Statistics, each of three hours duration, carrying 70 marks

in first year and 70 marks in second year and two practical papers carrying 30 marks in first

year and 30 marks in second year respectively, each of three hours duration.

The examination for paper- I and practical examinations will be held at the end of the first year

and examination for paper-II and practical examination will be held at the end of second year

respectively.

### **Pattern of Questions**

#### **Theory:**

**Group-A:** Objective type questions

1. Multiple choice questions (Compulsory).
2. Very short type questions (Compulsory).

**Group-B:** Short answer type questions

1. 8 questions to be answered out of 12.

**Group-C:** Long answer type questions

1. 3 questions to be answered out of 5 questions.
2. 1 question will be set up from each unit.

#### **Practical :**

1. Solution of problems – 24 Marks
2. Record – 3 Marks
3. Viva-Voce – 3 Marks

### **DETAILED SYLLABUS**

### **+2 FIRST YEAR SCIENCE**

**(TO BE COVERED IN FIRST YEAR CLASS)**

Theory – 70 Marks

3 Hours Duration

### **Unit-I BASIC MATHEMATICS:**

Fundamental Principle of Counting, Factorial  $n$  ( $n!$ ). Permutation and Combination. Binomial

Theorem for positive Integral indices. General and Middle terms in Binomial Expansion, Simple Applications,

### **Unit-II PROBABILITY THEORY-I:**

Definition of Probability:- Classical, Empirical and Axiomatic Approach, Sample Space and

events, Concepts of sets. Correspondence between sets and events. Probability by direct

enumeration. Laws of addition and multiplication, Conditional Probability and independence of events.

### **Unit-III PROBABILITY THEORY-II:**

Concept of Random Variable. Discrete and Continuous random Variables and their probability

distribution. Mathematical expectation of random variables.

Addition and Multiplication laws of expectation. Variance of Sum of Random Variables.

### **Unit-IV STATISTICAL METHODS-I:**

Definition. Scope and Limitations of Statistics. Collection of Data: Primary and Secondary Data. Classification of Data. Tabulation of Data: One-Way and Two-Way Tables. Presentation of Data: Diagrams-Simple. Multiple. Subdivided and percentage bar diagrams, pie diagrams, Graphs-Frequency curve. Frequency Polygon. Ogives and Histogram.

### **Unit-V STATISTICAL METHODS-II:**

Frequency distributions. Measures of Central Tendency: Arithmetic Mean. Geometric Mean.

Harmonic Mean. Median and Mode. Quartiles. Measures of Dispersion: Range. Inter-Quartile range. Quartile Deviation. Mean absolute deviation. Standard Deviation.

Coefficient of Variation and. Moments: Raw and Central moments of various orders. Skewness and its different measures. Kurtosis and its measure based on moments.

## **PRACTICAL- 30 Marks**

### **3 Hours Duration**

The candidate is required to answer any four out of six questions to be set. Each question

carries six marks. The Practical Records should be maintained in blue/black ball pen only.

Diagrammatic Representation of Data : Simple, multiple, sub-divided and percentage bar diagrams, pie diagrams. Graphical Representation of data-Histogram. Frequency Polygon and Cumulative Frequency Curve. Arithmetic Mean. Median. Mode. Mean. Partition Values, Standard Deviation, mean absolute deviation. Coefficient of variation. moments, skewness & kurtosis.

**Books Recommended:**

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

**+2 SECOND YEAR SCIENCE  
(TO BE COVERED IN FIRST YEAR Class)**

Theory - 70 Marks

3 Hours Duration

**Unit-I STATISTICAL METHODS-II:**

Bi-variate Frequency Distribution, Simple Correlation, Computation of Correlation Coefficient

and its interpretation using Probable Error. Rank Correlation (including ties). Linear Regression, Regression Coefficients and their Properties.

**Unit-II PROBABILITY DISTRIBUTIONS:**

Bernoulli. Binomial and Poisson Distributions with properties and applications (derivation of mean and variance only). Normal distribution, its properties and applications (mathematical proofs excluded).

**Unit-III SAMPLING METHODS:**

Finite Population Sampling : Sample. Population. Sampling units, sampling frame. Principal

Steps in sample Surveys. Census versus Sample Survey. Idea about questionnaire and schedule, sampling and non-sampling errors. 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 Variance.

**Unit-IV TIME SERIES:**

Definition, uses and components of Time Series, Measurement of trend: Freehand Semi-

Average. Moving Average and Least Squares Method

**Unit-V INDEX NUMBERS:**

Need meaning and uses of Index Numbers, Important steps in the construction of index number. Problems in the selection of items. Idea of base year and Current Year. Average System of Weighing. Weighted index number: Laspeyre's, Paasche's and Fisher's ideal index numbers. Unit. Time Reversal, Factor Reversal and Circular Tests. Base shifting splicing and deflating of index, numbers.

**PRACTICAL - 30 Marks**

**3 Hours Duration**

The candidate is required to answer any four out of six questions to be set. Each question

carries six marks. The Practical Records should be maintained in blue/black ball pen only.

Measurement of trend by moving averages and by Least Square (Straight line only) method.

. Computation of index numbers by weighted average of price relatives: Laspeyre's Paasche's and Fisher's Formula: Coefficient of Correlation, Coefficient of Regression.

**Books Recommended:**

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

**TELUGU  
ELECTIVE  
FIRST YEAR  
For the year 2020-21**

**TOPICS TO BE STUDIED**

**Unit - I Poetry : (25 periods)**

1. Satyabhama Santwanam - Nandi Timmana
3. Sainikudi Uttaram - Balagangadhara Tilak

**Unit-II Prose : (25 Periods)**

3. Margadarsi Gurajada - Sreepada Subramanya Sastri
4. Gramanama Vignyanamu - Dr. Singupuram Narayana Rao

**Unit-Non-detail: (6 Periods)**

Varadu - Dr Kandimalla Sambasiva Rao

**Unit-IV (A)Grammer : (6 Periods)**

**Samskruta sandhulu:** Savarnadeergha, Guna,

**Telugu sandhulu:** Dwiruktatakara, Gasadadavadesa,

**Samasamulu:** Tatpurusha, Karmadharaya, Dwigu, Dwandva, Bahuvreehi,  
Avyayeebhava.

**TELUGU  
ELECTIVE  
Second Year**

**TOPICS TO BE STUDIED**

**Unit - I Poetry : (25 periods)**

1. Prahlada Charitra - Bammera Potana
4. Desacharitralu - Sri Sri

**Unit-II Prose : (25 Periods)**

1. Desabhimananam - Kandukuri Veeresalingam
3. Mahakavi Gurajada - Dr.Singupuram Narayana Rao

**Unit-Non-detail: (10 Periods)**

Devayani - Chundi Venkanna Rao

**Unit-IV (A)Grammer : (10 Periods)**

**Chandassu**, Mathebhamu , Kandamu, Tetageeti,  
Ataveladi.

**Alankaramulu:**, ARdhantaranyasa, Atisayokti, Swabhavokti,

**(B) History of Telugu Literature :(10 Periods)**

Some Knowledge about the following Poets and their writings:  
Nannaya, Tikkana, , Potana,  
Gurajada,

**ELECTIVE (TELUGU)**  
**SECOND YEAR**  
**(Compulsory)**

**Time-3 hours No of periods per week : 4**

**Full marks - 100**

There shall be one paper carrying 100 marks of three hours duration consisting of Four units.The

examination shall be conducted at the end of Second year of College/H.S.School.

**Distribution of Marks**

**Group - A (Objective Type)**

1. Thirty very short questions (from unit 1,11 &111

..... 30 x 1 = 30 marks

2. Ten very short questions (from unit IJI&III)

.....10 X 1 = 10 marks

**Group -B (short Type)**

3. Six short questions (from unit I, III & III) .....6 X 2 = 12 marks

4. Four Explanations (only Bhavartha from unit I & II)

.....4X2 = 8 marks

5. Five short questions (from unit IV-A) .....5X2 = 10marks

**Group - C (Long Type)**

6. Three long questions with alternative (From unit I, II &III)

.....3X7 = 21marks

7. **One long Question** (from unit IV -B) .....1 X 9 = 9marks

**Total = 100 marks**

**Revised Syllabus For the Session 2020-21**

**M.I.L (TELUGU)**

**FIRST YEAR**

**(Compulsory)**

**Time 3 hours Full Marks 100**

There shall be one paper carrying 100 marks of 3 hours duration consisting of four units. The examination shall be conducted at the end of First Year of college/H.S. School. ,

**DISTRIBUTION OF MARKS**

**Group-A (Objective Type)**

1. Thirty very short questions (from unit I, II & III)  $30 \times 1 = 30$  Marks
2. Ten very short questions (from unit IV-A)  $10 \times 1 = 10$  Marks

**Group-B (short Type Questions)**

3. Six short questions (from Unit!, II & III)  $6 \times 2 = 12$  Marks
4. Four explanation (only Bhavartha from unit I & II)  $4 \times 2 = 8$  Marks
- .
5. Five short questions (from Unit IV-A).  $5 \times 2 = 10$  Marks

**Group -C (Long Type Questions)**

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

TOTAL - 100 marks

**TOPICS TO BE STUDIED :**

**UNIT - I POETRY: (12 periods)**

1. Ekalavyudu - Nannaya Bhattu
2. Balivamana Samvadamu - Bammera Potana
3. Subhashitamulu - Enugu Lakshmana Kavi

**UNIT-II PROSE : (12 periods)**

1. MitraLabhamu - Paravastu Chtnnayasuri
2. Vemana - Dr. G.V.Krishna Rao
4. AIDS - Dr. Singupuram Narayana Rao
5. Teiugu Patrikala Purva Rangam - Namala Visveswara Rao

**UNIT - III NON - DETAIL : (10 periods)**

Raja Raja Prasasti - Prof..S. Gangappa

**UNIT - IV (A) GRAMMER : (10 periods)**

Vibhaktulu - Pratyayalu, Prakruti -Vikrutulu,

**B) WRITING / GENERAL ESSAY: (05 periods)**

**BOOKS PRESCRIBED :**

1. Poetry & Prose : SAHITEE VIPANCHI  
- By Dr. Singupuram Narayana Rao
2. Non-Detail : RAJA RAJA PRSASTI  
- By Prof. S. Gangappa
3. Grammar VYAKARANA PARIJATAMU  
- By Dr. Singupuram Narayana Rao

**M.I.L (TELUGU)**  
**SECOND YEAR**  
**(Compulsory)**

**Time 3 hours No of Periods : Weekly-5 Full Marks 100**

**Yearly 80**

There shall be one paper carrying 100 marks of 3 hours duration consisting of four units. The examination shall be conducted at the end of Second Year at Council level.

**DISTRIBUTION OF MARKS**

**Group-A (Objective Type)**

1. Thirty very short questions (from unit), II & III)  $30 \times 1 = 30$  Marks
2. Ten very short questions (from unit IV-A)  $10 \times 1 = 10$  Marks

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**Group-B (short Type Questions)**

3. Six short questions (from Unit I, II & III)  $6 \times 2 = 12$  Marks
4. Four explanations (only Bhavartha from unit I & II)  $4 \times 2 = 8$  Marks
5. Five short questions (from Unit IV-A)  $5 \times 2 = 10$  Marks

**Group -C (Long Type Questions)**

6. Three long questions with alternative  $3 \times 7 = 21$  Marks
7. Re-Translation (from unit iv-B)  $1 \times 9 = 9$  Marks

**TOTAL 100 marks**

**TOPICS TO BE STUDIED:**

**UNIT - I POETRY : (12 periods)**

1. Sanjaya Rayabharamu - Tikkana Somayaji
2. Hanumatsandesamu - Atukuri Molla
3. Piradausi.Lekha - Gurram Jashuwa

**UNIT - II PROSE: (12 periods)**

1. MitraBhedamu - Paravastu Chinnayasuri
2. Rayaprolu streevada drukpadham - Prof K.Yadagiri

**UNIT - III NON-DETAIL: (10 periods)**

Rudrama Devi - Smt. P.B. Kausalya ( Upto Page 53 )

**UNIT - IV A) GRAMMAR : (10 periods)**

Paribhashika padamulu  
Chandssu : Utpalamala, Champakamaia,  
Sardhulamu,  
Aiankaramuiu : Upama, Rupaka, Utprehsha,

**B) RE-TRANSLATION (English to Telugu) :( 05 periods)**

**BOOKS PRESCRIBED :**

**1) Poetry & Prose : Sahitee Mandaram**

- By Dr. Singupuram Narayana Rao

**2) Non-Detai : Rudramadevi**

- By Smt. P.B. Kausalya

**3) Grammar : Vyakarana Parijatamu**

- By Dr. Singupuram Narayana Rao

**TELUGU  
ELECTIVE  
FIRST YEAR  
For the year 2020-21**

**TOPICS TO BE STUDIED**

**Unit - I Poetry : (25 periods)**

1. Satyabhama Santwanam - Nandi Timmana
3. Sainikudi Uttaram - Balagangadhara Tilak

**Unit-II Prose : (25 Periods)**

3. Margadarsi Gurajada - Sreepada Subramanya Sastri
4. Gramanama Vignyanamu - Dr. Singupuram Narayana Rao

**Unit-Non-detail: (6 Periods)**

Varadu - Dr Kandimalla Sambasiva Rao

**Unit-IV (A)Grammer : (6 Periods)**

**Samskruta sandhulu:** Savarnadeergha, Guna,

**Telugu sandhulu:** Dwiruktatakara, Gasadadavadesa,

**Samasamulu:** Tatpurusha, Karmadharaya, Dwigu, Dwandva, Bahuvreehi, Avyayeebhava.

**TELUGU  
ELECTIVE  
SecondYear**

**TOPICS TO BE STUDIED**

**Unit - I Poetry : (25 periods)**

1. Prahlada Charitra - Bammerra Potana
4. Desacharitralu - Sri Sri

**Unit-II Prose : (25 Periods)**

1. Desabhimanam - Kandukuri Veeresalingam
3. Mahakavi Gurajada - Dr.Singupuram Narayana Rao

**Unit-Non-detail: (10 Periods)**

Devayani - Chundi Venkanna Rao

**Unit-IV (A)Grammer : (10 Periods)**

**Chandassu**, Mathebhamu , Kandamu, Tetageeti,  
Ataveladi.

**Alankaramulu**, ARdhantaranyasa, Atisayokti, Swabhavokti,

## **(B) History of Telugu Literature :(10 Periods)**

Some Knowledge about the following Poets and their writings:  
Nannaya, Tikkana, , Potana,  
Gurajada,

### **ELECTIVE (TELUGU) SECOND YEAR (Compulsory)**

**Time-3 hours No of periods per week : 4**

**Full marks - 100**

There shall be one paper carrying 100 marks of three hours duration consisting of Four units.The

examination shall be conducted at the end of Second year of College/H.S.School.

#### **Disstribution of Marks**

##### **Group - A (Objective Type)**

1. Thirty very short questions (from unit 1,11 &111

..... 30 x 1 = 30 marks

2. Ten very short questions (from unit IJI&III)

.....10 X 1 = 10 marks

##### **Group -B (short Type)**

3. Six short questions (from unit I, III & III) .....6 X 2 = 12 marks

4. Four Explanations (only Bhavartha from unit I & II)

.....4X2 = 8 marks

5. Five short questions (from unit IV-A) .....5X2 = 10marks

##### **Group - C (Long Type)**

6. Three long questions with alternative (From unit I, II &III)

.....3X7 = 21marks

**7. One long Question** (from unit IV -B) .....1 X 9 = 9marks

**Total = 100 marks**

## **Revised Syllabus 2020-21**

**URDU**  
**ELECTIVE**  
**FIRST YEAR**  
Total Classes-50

**Time- 3 hrs.**

**F.M. - 100**

There Shall be one Paper carrying 100 marks consisting of 3 (three) groups and duration of examination will be of 3 (three) hours at the C.H.S.E. / H.S.E. level.

Distribution of marks

**GROUP - A**

### **30 MARKS**

Very Short Type Answers.

**1. Objective type questions from all units Prose, Drama and Novel.**

Five objective questions from prose portion "Tanweer-E-Adab.

$\times 5 = 5$  Marks

Five objective type questions from Drama portion.

$\times 5 = 5$  Marks

Five objective type questions from Novel portion.

$\times 5 = 5$  Marks

Total = 15 Marks

**Grammar**

**2.**

A. One word answer five questions.

$1 \times 5 = 5$  Marks

Very short answer five questions.

$1 \times 5 = 5$  Marks

Fill in the Blanks five questions.

$1 \times 5 = 5$  Marks

Total = 15 Marks

**GROUP-B**

### **40 MARKS**

Short Type Answers.

**3. Answer within two/three sentences.**

A. Rustam-O-Sohrab : Six questions to be answered out of eight questions.

$6 \times 2 = 12$  Marks

Tanweer-e- Adab : Five questions to be answered out of seven questions.

$5 \times 2 = 10$  Marks

Total = 22 Marks

**4. Answer within six sentences.**

Numainda Mukhtesar Afsane: Six questions to be answered out of eight questions.

$$3 \times 6 = 18 \text{ Marks}$$

**GROUP-C**

**30 MARKS**

Long type answers.

- 5.** Four questions to be answered out of six questions from the books Tanweer-E-Adab, Rustam-o-Sohrab, Numainda Mukhtesar Afsane and Firdous Bareen or, Nirmala.

**Unit -1**

**20 Classes**

**Books Prescribed :** History of Urdu Literature (Prose).

**TANWEER-E-ADAB.**

by : Saghir Ahmad Jaan.  
only chawtha daur

**Unit-2**

**10 Classes**

**Books Prescribed : Drama**

**RUSTAM-O-SOHRAB.**

by: Agha Hashar.

**Unit-3**

**10 Classes**

**Books Prescribed : Short Stories**

**NUMAINDA MUKHTESAR AFSANE.**

by : Taher Farooqui

**Portions to be studied :**

ii. Jine ke Liye, iii. Kale Sahab, iv. Foot Path, v. Atthare Ane, vi. Sirf Ek Ana.

**Unit-4**

**10 Classes**

**Books Prescribed : Novel**

**i. FIRDOUS BAREEN.**

by : Abdual Halim Sharar.

Urdu Elective  
**SECOND YEAR**  
Total Classes-50

**Time - 3 hrs**

**F.M. - 100**

There Shall be one Paper carrying 100 marks consisting of 3 (three) groups and duration of examination will be of 3 (three) hours at the C.H.S.E. / H.S.E. level.

Distribution of marks

**GROUP - A**

**30 MARKS**

Very Short types Answers.

**1. Objective type question from all units.**

- A. Five objective type questions from prose portion Kalam-E-Mir.

$1 \times 5 = 5$  Marks

- B Five objective type questions from Chand Ham Asar.

$\times 5 = 5$  Marks

- c. Five objective type questions from Kalam-E-Mir.

$1 \times 5 = 5$  Marks

Total = 15 Marks

**Grammar**

**2.**

- A. One word answer five questions.

$1 \times 5 = 5$  Marks

Very short answer five questions.

$1 \times 5 = 5$  Marks

Fill in the Blanks five questions.

$1 \times 5 = 5$  Marks

Total = 15 Marks

**GROUP - B**

**40 MARKS**

Short Type Answers.

**3. Answer within two/three sentences.**

Chand Ham Asar : 7(Seven) Chapters.

Eleven questions to be answered out of Fifteen questions.

$11 \times 2 = 22$  Marks

**4. Answer within six sentences**

Kalam-E-Meer: Six Ashaars explanation to be answered out of eight Ashaars.

$3 \times 6 = 18$  Marks

**GROUP-C**

**30 MARKS**

Long type answers

5. Four questions to be answered out of six questions from the books Kalam-E-Meer, Chand Ham Asar, illmulbalaghah, urdu-zoban-o-Qawaid Part-1 and general essay.

**Unit -1****22 Classes****Books Prescribed :****KALAM-E-MEER**

by : Dr. Abdul Haque or Abdul Mannan Bedil.

**Portions to be studied :**

Life and Style of the poet.

Ghazaliyat "Radif Alif

Masnavi.

Jhoot, ii. Duniya, iii. Gharki Barbadi,

**Unit-2****8 Classes****Books Prescribed :****CHAND HAM ASAR**

by : Maulana Abdul Haque

**Portions to be studied :**

- I. Sayed Mehmud Marhoom
- III. Maulana Waheedudin Salim
- V. Mohesnul Mulk
- VII. Hali

**Unit-3****20 Classes****Books Prescribed : Grammar.****ILLMULBALAGHAT****Portions to be studied :**

- i. Tashbeeh
- iii. Kinaya
- iv. Talmeeh
- v. Miratun Nazir
- vi. Husn-E-Talab
- vii. Tazad
- ix. Mabaligha

**URDU ZABAN-O-QAWAID PART-**

by : Shafi Ahmed Siddiqui

- ii. Tazkir-O-Tanis
- iii. Mutazad Alfaz
- iv. Mahawara



**M.I.L. (URDU)**

**(Compulsory)  
FIRST YEAR  
Total Class-50**

**Time-3hrs.****F.M.-100**

There Shall be one Paper carrying 100 marks consisting of 3 (three) groups and duration of examination will be of 3 (three) hours at the college / H.S.E level.

Distribution of marks  
**GROUP - A**

**30 MARKS**

Very Short Type Answer

**Objective type questions from all units Prose, Poetry and non-detailed**

- |  |                |
|--|----------------|
| A. Five objective type questions from prose        | 1x5 = 5 Marks  |
| B. Five objective type questions from poetry       | 1x5 = 5 Marks  |
| C. Five objective type questions from Non-detailed | 1x5 = 5 Marks  |
|  | Total 15 Marks |

**Grammar**

- |                                      |                |
|--------------------------------------|----------------|
| 2. A. One word answer five questions | 1x5 = 5 Marks  |
| B. Very short answer five questions  | 1x5 = 5 Marks  |
| C. Fill up the Blanks five questions | 1x5 = 5 Marks  |
|                                      | Total 15 Marks |

**GROUP -B****40 MARKS**

Short Type Answer

- |  |                  |
|--|------------------|
| 3. <b>Answer within two/three sentences</b>                    |                  |
| A. Prose-Six questions to be answered out of eight questions   | 6 x 2 = 12 Marks |
| B. Poetry-Five questions to be answered out of seven questions | 5x2 = 10 Marks   |
|  | Total = 22 Marks |

**Answer within six sentences**

- |   |                  |
|---|------------------|
| A. Prose- Three questions to be answered out of four questions.           | 3x3 = 09 Marks   |
| Ghazaliyat- Three Ashhaar explanation to be answered out of four Ashhaar. | 3 x 3 = 09 Marks |
|   | Total = 18 Marks |

**GROUP-B****30 MARKS**

Long Type Answer..

Prose : One long answer type question about 150 words with an alternative from prose portion.

7.5 Marks

Poetry : One long answer type question about 150 words with an alternative from poetry.

7.5 Marks

Non detailed - on long answer type question about 150 words with an alternative from non-detailed portion.

7.5 Marks

Letter / Application : One Letter Writing / application writing about 100 words.

7.5 Marks

**Books Prescribed :****JADID ADAS PARE**

Recommended Book "JADID ADAB PARE",

Published by Odisha State Bureau of Text Book preparation and Production, BBSR.

**Unit I**

**1. Prose Portion : 15 Classes**

**Portions to be studied :**

- |                           |                      |
|---------------------------|----------------------|
| i. Qaumi Hamdardee        | - Altaf Hossain Mali |
| ii. Sair Pahle Darwesh Ki | - Mir Amman          |
| iii. Mitti Ka Tel         | - Hasan Nezami.      |

Bahadur Shah-Do Ghaz Zamien - Dr. Mahfuzul Hassan

**Unit - II**

**12 Classes**

**(a) Poetry Portion :**

**Portions to be studied :**

- |                             |             |
|-----------------------------|-------------|
| i. Aata Da                  | - Nazir.    |
| ii. Tasweere-e-Dard         | - Iqbal.    |
| iii. Jogan Aur Chandni Raat | - Mir Hasan |
| iv. Naojawanon-se-khetab    | - Josh      |

**(b) Ghazaliyat Portions :**

Ghalib, ii. Dard, iii. Aatish, iv. Momim

**Unit - III**

**10 Classes**

**Non detailed studies :**

Any one of the following books only first half of the books in the 1st year.

**I. TAUBATUN NASOOH**

by : Deputy Nazeer Ahemad

Pulisher: Maktab-E-Jamiya LTD.

Jamia Nagar, New Delhi -110025

**MUSADDAS-E-HALI (only Tahmid ka Portion to be Studied)**

(by : Altaf Husain Mali

Pulisher: Educational Book House Aligarh (UP)

**Unit - IV**

**2 Classes**

**Letter Writing :**

There shall be letter Writing /Application Writing

**Grammar:**

**URDU ZOBAN-O-QUWAID PART- 15 Classes**

1 by : Shafi Ahmad Siddiqui Portions to be studied :

Tazkir-o-Tsrees

Ghalat Jumle Aur Unki Islah

## Total Clss-80

Time- 3hrs

F.M.-100

There Shall be one Paper carrying 100 marks consisting of 3 (three) groups and duration of examination will be of 3 (three) hours at the C.H.S.E. / H.S.E Level

### Distribution of Marks

#### GROUP-A

30  
MARKS

Very Short type Answer.

#### Objective type questions from all units Prose, Poetry and non-detailed

A.	Five objective type questions from prose	1x5 = 5 Marks
B.	Five objective type questions from poetry	1x5 = 5 Marks
C.	Five objective type questions from Non-detailed	1x5 = 5 Marks
<hr/>		Total = 15 Marks

#### Grammar

2. A.	One word answer five questions	1x5 = 5 Marks
B.	Very short answer five questions	1x5 = 5 Marks
C.	Fill up the Blanks five questions	1x5 = 5 Marks
<hr/>		Total = 15 Marks

#### GROUP-B

40 MARKS

Short Type Answer

#### Answer within two/three sentences

Comprehension of an unseen passage of about 150 words. Followed by seven questions to be answered out of nine questions.

7x2 = 14 Marks

B.	Prose : Four questions to be answered out of six questions	4 x 2 = 08 Marks
<hr/>		Total = 22 Marks

#### Answer within six sentences

Prose : Three questions to be answered out of four questions.  $3 \times 3 = 09$  Marks

Ghazaliyat: Three Ashhaar explanation to be answered out of four Ashhaar.

$3 \times 3 = 09$  Marks

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Total = 18 Marks

#### GROUP-C

30 MARKS

Long Type Answer

Prose : One long answer type question about 150 words with an alternative from prose portion. 7.5 Marks

Poetry : One long answer type question about 150 words with an alternative from poetry. 7.5 Marks

Non detailed - on long answer type question about 150 words with an alternative from non-detailed portion. 7.5 Marks

Essay : One long answer type question about 150 words with three alternatives. 7.5 Mark



