Corrigendum/ addendum in + 2 Commerce Syllabus

2016-18 Sessions

(i) COMPUTER APPLICATION

FIRST YEAR (3rd & 4th Elective)

Unit: I

Introduction to computer: What is computer ? Characteristics of computer, History of computer,

Generation of computer : Classification of computer, Block diagram of a digital computer, Define computer as a system. Merits and limitations of a computer system.

Parts of computer: Hardware and software, Input and Output devices, Pointing devices.

Software: Meaning, Definition, Characteristics and types of software (System software, Application software, Utility software and custom software).

Unit: II

Language: Low level (Machine language and Assembly language) and high level language, Compiler, Interpreter, Assembler.

Memory: Definition, Types of computer memory (Primary and secondary) RAM, ROM, PROM, FPROM, EF.ROM, Flash memory.

Storage media: Magnetic tapes, magnetic disks, Floppy disks, Hard disks, Optical disks, Pen drive.

Unit: III

Operating system: Definition, Different views of operating system, Types of Operating system, Operating system services, Components / Functions of operating system.

Number system: Binary, Decimal, Octal and Hexadecimal number system, Binary arithmetic (Addition, Subtraction, Multiplication and Division).

Introduction to Algorithm and Flow-Chart, Properties of a good flow-chart.

Unit: IV

DOS Operating system: Introduction, Components of DOS, Internal and External commands. \

WINDOWS Operating System : Introduction, DOS Vs WINDOWS, Components, Booting, Creating folder. Renaming, (hanging the properties of a file/folder, arranging multiple windows, Windows Explorer, Recycle Bin, My computer.

Word processing: Introduction, creating of files, setting and typing text, page formatting, Border and Bullets, printing report, Mail merge, saving block operation, file operation and print a file. Software package-MS Word, Text Editor (Note pad, Word pad).

PRACTICAL

Grading of Practical paper
Record: 05 Marks
Viva: 05 Marks
Experiment: 20 Marks (Group-A 10 Marks and Group -B 10 Marks)

1. Use of DOS commands (Internal and External)
2. Working with Windows.
3. Working with MS-OFFICE

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Students are required to perform the practical one from Group- A and one from Group-B as per the question given in the exam. Viva will be based on DOS, WINDOWS, MS-OFFICE and on computer system.

Group - A Question will cover serial 1 & 2 as above and

Group - B Question w ill co\er Serial 3.

COMPUTER APPLICATION

SECOND YEAR

3rd & 4th Elective, PAPER-II, GROUP-VII

Unit: I

Use of Computer in different fields: Business, Education, Medical science, Entertainment, Science and Research, E-cqiumerce, Office automation, Geographical Information system and Management Information System.

Introduction to Internet: History, Services and applications of internet, WWW, Web sites, Web Pages, Web Browser, Search Engine, E-mail.

Computer Network: Introduction, Types of networks (LAN, MAN, WAN), LAN Topology, WAN devices (Bridge, Gateway, Router), Difference between LAN and WAN.

Unit: II

Spread sheet and its operation: Introduction to spread sheet, moving around the worksheet, formatting the worksheet, setting the column width, range, format, protect, erase, sort and transpose of range, insert and delete of rows and columns, Entering the data, arithmetic and logical operation, copying the data from one part (another part of a file or other files, Saving and retrieving a file, Function and Formula, preparation of graphs: Line, Bar, Pie, XY, 3D diagrams and printing the text.

Unit: III

Database Management System: Concept of Database, Data warehouse, Data mining, creation of files and data entry using commands: CREATE, EDIT, APPEND, LIST, INSERT, DELETE, RECALL, PACK, ZAP, BROWSE, DISPLAY, SORT, INDEX, MODIFY SUMMARISING and QUIT. Techniques for Sum, Average, Total Command, and Count command, Report Form, Designing a report.

Unit: IV

Programming in C: Data types, variables and Constants, Operators and Expressions, Input and output, Control functions, Control statements, IF, IF-ELSE, Nested IF-ELSE statements, Switch and Break statement, GOTO statements, Looping - WHILE loop, Do-WHILE, FOR loop and nested loop, BREAK and Continue statements.

PRACTICAL

Grading of Practical paper

Record: 05 Marks

Viva: 05 Marks

Experiment: 20 Marks (Group-A 10 Marks and Group -B 10 Marks)

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1. Problems based on unit-ii and unit-iii,
2. Working with Windows.
3. Development of C programs as per the Unit-iv.

Students are required to perform the practical, one from Group- A and one from Group-B as per the question given in the exam. Viva w ill be based on DOS, WINDOWS, C and computer system.

Group - A Question w ill cover serial 2 & 3 as above and

Group -B Question w ill cover Serial 4.

(ii) BUSINESS ECONOMICS

Elementary Micro and Macro Economics

A. INTRODUCTORY MICRO ECONOMICS

I. **Introduction** 10 Periods

10 Marks

- Defination scope and subject matter economics
- Meaning of economy and central problem of an economy scarcity and choice what how and for whom to produce
- Basic concept-wants utility value price welth

II **Consumption and Demand** 14 Periods

15 Marks

- Laws of consumption-marginal and total utility, law of diminishing marginal utility, law of equimarginal utilty 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** 10 Periods

10 Marks

- Meaning of production and production function-short run and long run
- Toatal Average and Marginal Product
- Law of variable proportions and returns to a factor

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IV **Cost, Revenue and Supply**

Periods 12

Marks 15

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

V. **Market**

Periods 08

Marks 10

- 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**

Periods 04

Marks 05

- Meaning of macroeconomics, Distinction between macro and micro economics, subject matter of macro economics

VII **Natiional Income**

Periods 10

Marks 15

- Meaning and aggregates related in national income-GNP, NNP, GDP and NDP at market price and factor cost
- National disposable income(Gross and Net), Private Income, Personal Income, Personal disposable income, National and real national income
- Income determination-Aggreegate Demand and supply and their components, simple Keynesian Theory of Income Determination

VIII **Money, Banking and Public Finance**

Periods 12

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Marks

- Maening and Function
- Meaning and Functions of Commercial Banks
- Functions of Central Bank
- Meaning of Public Finance and Difference between public and private finance
- Budget- Meaning and objectives, balanced and unbalanced budget surplus and deficit budget.

Project Work

Name of the Topics

1. GST- The biggest Tax Reform in India
2. Demonetisation-A Surgical Strike on Black Money
3. Banking in disha
4. Agriculture Marketing in Odisha
5. Problem of unemployment.

(iii) Guideline for Project Report

To expose the students to the practical aspect of Commerce 'PROJECT WORK' has been included in Commerce subject in 2016-18 Syllabus. The students appearing at Annual Higher Secondary Examination 2018 onwards shall have to submit a Project Report in each of the Commerce subject taught in 2nd year. The following guidelines/ instructions will facilitate the students to prepare such Reports and Examiners to evaluate such Reports at the Institutions as well as at Council level.

01. Each +2 Commerce student shall submit a Project Report for each Commerce Paper in the 2nd year as part of the Annual H. S. Examination.

02. Each Project Report should comprise of 10 to 15 pages including the 1st three initial pages. Less number of pages will attract negative marks while more number of pages will not be evaluated.

03. Project Report shall be concise to maintain clarity and shall focus on what has been intended to be done.

04. Format of the Project Report : -

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(a) Should be neatly typed with double space in times roman 12 point font size only on one side of A/4 size paper. There should be 1 inch margin on each side.

(b) First page shall indicate : -

(i) Title of the Project conveying its area & scope.
(ii) Name of the student author/Investigator.
(iii) CHSE. Roll No. & Registration Number.
(iv) Name of the Institution from where student is appearing the Examination.
(v) Name of the Examination with year.
(vi) Signature of the student with date of submission.
(vii) Space be left at the bottom of the page for signature of Internal Examiner and External Examiner after evaluation.

(c) Second page shall contain the abstract of the Project Work. It should give a brief summary of the work in less than 200 words.

(d) Third page shall reflect the table of contents indicating the page numbers of different Sections.

(e) Fourth page onwards : -

(i) Introduction : Importance and relevance of work, objective (What is intended to be done), Methodology (How it is to be done)
(ii) Discussion : Main Body of the work.
(iii) Summary and conclusion : It should be a concise version of the work done, a summary of what was learnt and what more can be done, pointing to further study/research.
(iv) Reference : Minimum three Books/Journal Articles shall be referred including the Text Book.

The citation shall be of following type : -

Author's Name : Year : Title of the Book : Page Number.

Example – 1: If one has referred pages 59 to 63 of a book titled " Business Studies and Management" written by R. K. Singla published in the year 2015, citation shall be as follows : -

Singla : 2015 : Business Studies & Management : 59-63

Example – 2: If one has referred pages 93 to 119 of a book titled " +2 Business Mathematics authored by N. K. Nag and N. K. Puhan published in the year 1999, citation shall be as follows : -

Nag &Puhan : 1999 : +2 Business Mathematics : 93-119.

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First Name(s) of the author (s) shall not be used unless two or more authors have the same surname.

05. Evaluation of the Project Report : -

The Project Report shall be examined jointly by the Internal (Subject Teacher) and the External Examiner appointed for viva-voce by the CHSE. There shall be 15 marks on the Project Report and 05 marks on the viva-voce test. Weightage shall be given to the originality of the work and understanding of the subject by the student. On each day 32 (or less number depending upon the no. of candidates appearing in that subject from that Centre) students shall be allowed to appear viva-voce along with valuation of their Project Report. After completion of viva-voce, the evaluated Project Report and Mark Foils duly signed (Full Name Signature) by the Internal and External Examiner shall be sent to the CHSE for re-valuation at Chief Examiner's level as per the schedule to be notified by CHSE along with Practical Examination of other streams having practical components.

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COURSES OF STUDIES
IN
COMMERCE STREAM

FOR THE
HIGHER SECONDARY EXAMINATION

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SCHEME OF STUDIES

The following combinations in Commerce Stream are allowed. Any deviation of this will not be entertained.

Compulsory Subjects

1. English
2. M.I.L. (Oriya / Telugu / Bengali / Urdu & Persian / Hindi / Alternative English)
3. Environmental Education
4. Yoga
5. Basic Computer Education

Elective Subjects

(Each elective subject carries 200 marks)
(100 marks in 1st year and 100 marks in 2nd year)

1. Accountancy
2. Business Studies & Management
3. Business Mathematics & Statistics

A Student shall have to offer any one of the following groups.

	1st year	**2nd year**
Group -I	Banking & Insurance	Cost Accounting
Group-II	Fundamentls of Entrepreneurship	Fundamentals of Management Accountancy
Group-III	Salesmanship	Business Economics
Group-IV	Information Technology -I	Information Technology-II

INTRODUCTION TO NEW COURSE STRUCTURE & DISTRIBUTION OF MARKS IN SUBJECT HAVING PRACTICALS

With the introduction of the New Course structure from the academic session 2016-17 basically to de-stress the students joining +2 courses under the CHSE, Orissa, there will be yearly examinations at the end of 1st year and 2nd year classes. 1st year and 2nd year courses have been separated accordingly. The 1st year examination will be conducted at the college / H.S. School level for 100 marks in each subject and the 2nd year examination will be conducted at the Council level for 100 marks in each subject. Marks secured in the 1st year examiantion shall be considered only for promotion of students to the 2nd year class and will have no bearing on the terminal examination, conducted by the Council at the end of the 2nd year. Pass certificates will be awarded to successful candidates basing on the performance in the Council examination at the end of the 2nd year only.

Restriction on selection of elective subjects is a new feature in the present course structure. Each student has to read four elective subjects in addition to the compulsory subjects i.e. English, M.I.L., Environmental Edcation, Yoga and Basic Computer Education.

Project Work with Viva-voce has been introduced in the +2 2nd Year Examination for providing the students exposure to the practical aspects of Commerce.

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QUESTION PATTERN & DISTRIBUTION OF MARKS

I For Subjects with Theory 100 Marks

(Time : 3 Hours)

Group -A (Objective type - Compulsory)

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

Q. 2 One word answer / very short answer / Correct the sentence / fill up the blanks (15 bits from all units) 1 mark each x 15 = 15 marks

Group B (Short type Answer)

Q. 3 Answer within 30 words 2 marks each x 11 = 22 marks
(out of 14 bits, one has to answer 11 bits)

Q. 4 Answer within 50 words 3 marks each x 6 = 18 marks
(out of eight bits, one has to answer six bits)

Group C (Long Answer type)

Q. 5. to Q. 9.
Out of Five Questions from all units, one has to answer 3 questions. 10 marks each x 3 = 30 marks

II For subjects with Therory 80 marks and Project Work & Viva-Voce 20 Marks

(Time : 3 Hours)

Group -A (Objective type - Compulsory)

Q.1 Multiple choice Questions (12 bits from all units) 1 mark each x 12 = 12 marks

Q. 2 One word answer / very short answer / Correct the sentence / fill up the blanks (12 bits from all units) 1 mark each x 12 = 12 marks

Group B (Short type Answer)

Q. 3 Answer within 30 words 2 marks each x 10 = 20 marks
(out of 13 bits, one has to answer 10 bits)

Q. 4 Answer within 50 words 3 marks each x 4 = 12 marks
(out of Six bits, one has to answer Four bits)

Group C (Long Answer type)

Q. 5. to Q. 9.
Out of Five Questions from all units, one has to answer 3 questions. 8 marks each x 3 = 24 marks

Project Work with Viva-voce 15 marks + 5 marks = 20 marks

III. For subjects with theory 70 marks and practical 30 marks.

Theory :

Group - A (Objective Type - Compulsory)

Q1. Multiple choice Questions (10 bits from all units) 1 marks x 10 = 10 marks

Q2. One word answer/very short answer / correct the sentence / fill up the blanks (10 bits from all units) 1 marks x 10 = 10 marks

Group- B (Short Type Answer)

Q3. Answer within 30 words. 2 marks each x 10 = 20 marks
(Out of 12 bits, one has to answer 10 bits)

Q4. Answer within 50 words
(Out of 5 bits one has to answer 3 bits) 3 marks each x 3 = 09 marks

Group - C (Long Answer Type)

Q5. to Q9.
Out of five questions from all units, one has to answer 3 questions.
7 marks each x 3 = 21 marks

Practical : 30 Marks

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ENGLISH

Higher Secondary education for a large number of students is a preparation for the University, where a fairly high degree of proficiency in English language and literature is necessary. For another large and significant group, the higher secondary education is a preparation for entry into professional education. This Course, therefore, is designed to cater to both the groups by promoting higher skills of thinking as well as language skills required for academic study and for the workplace. In this sense, this syllabus is learner-centred or need-centred.

It is expected that students have acquired the basic language skills in English by the time they come to the First Year of the +2 class. It is necessary that by the end of +2, they should be equipped with adequate linguistic competence to comprehend and appreciate texts, and express themselves in clear and grammatical English using appropriate punctuation and cohesive devices. The aim of this syllabus, therefore, is to hone all the language skills (L-S-R-W) of the students.

Instructional Materials consist of 4 textbooks : *(a) Invitation to English -I* (New Edition), which includes non fictional prose pieces and poems, for intensive study *(b) Invitation to English-II* (New Edition), which includes generes like short fiction, one-act play and biography/autobiography for extensive study, *(c) Invitation to English-3,* a Work Book for developing writing skills, and *(d) Invitation to English-4,* a Work Book for grammatical exercises.

The present syllabus lays emphasis on teacher-pupil interaction. While dealing with texts for both intensive and extensive study, teachers should encourage group activity in the classroom for 'Pre-reading', 'While-reading', and 'Post-reading activities'. They should be careful not to put any question to an individual student but to a group of 3-4 students encouraging one of them to give the answer with the feedback he/she gets from the group, so that none of the students shall feel diffident to interact. *As Invitation to English-3* and *Invitation to English-4* are Work Books, they should be worked out in the class-room.

The Scheme of Evaluation, at the end of the syllabus, specifies the allocation of marks for each skill. It should be noted that texts, prescribed for detailed as well as non-detailed study, have been allotted only 60 marks out of total 200. It would be appropriate, therefore, to devote the bulk of classroom time to *Invitation to English-3, and Invitation to English-4.*

INSTRUCTIONAL METERIALS FOR THE HIGHER SECONDARY CLASSES

1. For Intensive Reading: An anthology of non-fictional prose pieces and poems

Book prescribed: *Invitation to English-I* (New Edition, 2012)

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

Pieces to be studied in the 1st year.

A. Prose:

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

B. Poems:

i.	Stopping by Woods on a Snowy Evening	Robert Frost

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ii. Oft. in the Stilly Night — Thomas Moore
iii. The Inchcape Rock — Robert Southey
iv. To My True Friend — Elizabeth Pinard
v. Fishing — Gopa Ranjan Mishra

Pieces to be studied in the 2nd year

A. Prose:

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

B. Poems:

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

2. For Extensive Reading:

A collection of short stories, short plays, excerpts from biographies or autobiographies for non-detailed study.

Book Prescribed: *Invitation to English-II* (New Edition)

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

Pieces to be studies in the 1st year.

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

Pieces to be studied in the 2nd year

i. The Doctor's Word — R.K. Narayan
ii. The Nightingale and the Rose — Oscar Wilde
iii. Mystery of the Missing Cap — Manoj Das
iv. The Monkey's Paw — W.W. Jacobs
v. My Mother — Charlie Chaplin

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vi. Stay Hungry. Stay Fit Steve Jobs

3. Writing Skills:

A Work-Book on writing designed to provide practice in different forms of writing and develop the different skills of writing as specified in the syllabus.

Book Prescribed:

Invitation to English - 3

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

Units to be studied in the 1st Year

i. Writing a Paragraph

ii. Developing Ideas into Paragraphs

iii. Writing Personal Letters and Notes

iv. Writing Applications, Official Letters and Business letters

v. Writing Telegrams, E-mails, Personal Advertisements, and Short Notices

vi. Using Graphics

Units to be studied in the 2nd year

vii. Interpreting Graph, Charts, Tables and diagrams etc

viii. Reporting Events and Business Matters

ix. Note-making and summarizing

x. Extended Writing

4. Grammar:

A Work Book of Grammar is designed to provide practice in the use of selected grammatical items. In meaningful contexts.

Book Prescribed:

Invitation to English - 4

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

Units to be studied in the 1st year

i. Countable and Uncountable Nouns

ii. Tense Patterns

iii. Modal Verbs

iv. Prepositions

v. The Imperatives

Units to be studied in the 2nd year

i. Revision of 'Tense Pattern's and 'Modal Verbs'

ii. Conditionals

iii. The Passive

iv. Direct and Reported Speech

v. Interrogatives

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vi. Phrasal Verbs

SCHEME OF EVALUATION

There shall be two papers in English - English Paper-I and English Paper-II each carrying 100 marks. A written examination for English Paper I shall be conducted by the colleges at the end of the First Year. A written examination for English Paper II shall be conducted by the CHSE, Odisha at the end of the Second Year to test the skills of reading and writing as well as the ability to use grammar in context.

Paper-I (To be evaluated at the College Level)

A. QUESTION PATTERN AND DISTRIBUTION OF MARKS

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

Full Mark: 100 Time: 3 Hrs.

1. Reading Comprehension

(a) Prescribed Prose Pieces.

(5 questions to be answered, each carrying 2 marks) 10 marks

(b) Prescribed Peoms

(5 questions to be answered each carrying 2 marks) 10 marks

(c) Prescribed Extensive Reading Texts

(2 questions to be answered carrying 5 marks each; only global inferential and evaluative questions to be set) 10 marks

2. Reading - related skills

(a) Vocabulary skills 5 marks

(b) Information Transfer 5 marks

(Converting Verbal information to non-verbal forms, such as diagrams, charts and tables)

(c) Reordering/sequencing sentences 5 marks

(d) Dictionary/Reference skills

(2 marks on using a dictionary, and 3 marks meanings of a word) 5 marks

(e) Cohesive Devices 5 marks

3. Writing skills

(a) Letter Writing (personal/official/commercial: Word limit: 150) 10 marks

(b) Description of object/event/process (Word limit: 150) 10 marks

(c) Slogan/telegram/caption writing (Word limit: 10) 5 marks

4. Grammar in context 10 marks

5. Translation/story-developing 10 marks

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B. QUESTION PATTERN AND DISTRIBUTION OF MARKS

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

Full Mark: 100 Time : 3 Hrs.

1. Reading Comprehension

(a) Prescribed Prose Pieces.

(5 questions to be answered, each carrying 2 marks) 10 marks

(b) Prescribed Peoms

(5 questions to be answered each carrying 2 marks) 10 marks

(c) Prescribed Extensive Reading Texts 10 marks

(2 questions to be answered carrying 5 marks each; only global inferential and evaluative questions to be set on a passage of about 250 words)

(d) Unseen Prose passage

(5 questions including inferential ones, carrying 2 marks each) 10 marks

2. Reading - related skills

(a) Vocabulary skills (to be tested on the unseen passage) 5 marks

(b) Information Transfer (70 words) 5 marks

(Converting non-Verbal information into verbal form)

(c) Dictionary/Reference skills 5 marks

3. Writing Skills

(a) Report writing (200 words) 10 marks

(b) Guided Note making on a given passage 7 marks

(c) Summarizing on the same passage 8 marks

(d) Essay writing (250 words - on given outlines) 10 marks

4. Grammar in context 10 marks

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M.I.L (Odia)

ଆଧୁନିକ ଭାରତୀୟ ଭାଷା (ବାଧ୍ୟତାମୂଳକ) ଓଡ଼ିଆ

ପ୍ରଥମ ବର୍ଷ (୧ମ ଭାଗ)

ପୂର୍ଣ୍ଣ ସଂଖ୍ୟା - ୧୦୦ ସମୟ - ୩ ଘ ।

ପିରିଅଡ଼ ସଂଖ୍ୟା - ସାପ୍ତାହିକ (ବାର୍ଷିକ ୮୦)

ପ୍ରଥମ ଏକକ - ଗଦ୍ୟ (୧୬ ପିରିଅଡ଼) **୨୦ ନମ୍ବର**

୧. 'ଶରଶୁ ପଦର' - ଗୋପୀନାଥ ମହାନ୍ତି

୨. ଝେଲମ୍ ନଦୀରେ ସଂଧ୍ୟା - କୁଂଜବିହାରୀ ଦାଶ

୩. ମଧୁବାବୁ - ଚିନ୍ତାମଣି ଆଚାର୍ଯ୍ୟ

୪. ସେହି ସ୍ମରଣୀୟ ଦିବସ (ଗାଁ ମଜଲିସ୍) - ହରେକୃଷ୍ଣ ମହତାବ

❖ ଏହି ଏକକରୁ ୫ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉ ର ଦିଆଯିବ । ସେଥିମଧ୍ୟରୁ ପରୀକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉ ରଟି ବାଛି ଲେଖିବେ ।

ଏହାର ମୂଲ୍ୟ ୧ **X** ୫ = ୫ ନମ୍ବର ।

❖ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟିର ଉ ର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୧ **X** ୩ = ୩ ନମ୍ବର

❖ ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟିର ଉ ର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୨ **X** ୨ = ୪ ନମ୍ବର ।

❖ ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉ ର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୩ **X** ୧ = ୩ ନମ୍ବର ।

❖ ୨ଟି ଦୀର୍ଘ ଉ ରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉ ର ୧୫୦ ଶବ୍ଦରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୫ ନମ୍ବର ।

ଦ୍ୱିତୀୟ ଏକକ - ପଦ୍ୟ (୧୬ ପିରିଅଡ଼) **୨୦ ନମ୍ବର**

୧. ସାହାଡ଼ା ବୃକ୍ଷ - ସାରଳା ଦାସ

୨. ଶାପ ମୋଚନ - ଜଗନ୍ନାଥ ଦାସ

୩. ହିମକାଳ - ଦୀନକୃଷ୍ଣ ଦାସ

୪. ମିତ୍ରତା - ଉପେନ୍ଦ୍ର ଭଞ୍ଜ

୫. ପୟରେ ପଶୁଛି ଶରଣ - ଭୀମଭୋଇ

❖ ଏହି ଏକକରୁ ୫ଟି ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉ ର ଦିଆଯିବ । ସେଥିମଧ୍ୟରୁ ପରୀକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉ ରଟି ବାଛି ଲେଖିବେ ।

ଏହାର ମୂଲ୍ୟ ୧ **X** ୫ = ୫ ନମ୍ବର ।

❖ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟିର ଉ ର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୧ **X** ୩ = ୩ ନମ୍ବର

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❖ ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟିର ଉ ର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୨ x ୨ = ୪ ନମ୍ବର ।

❖ ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉ ର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୩ x ୧ = ୩ ନମ୍ବର ।

❖ ୨ଟି ଦୀର୍ଘ ଉ ରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉ ର ୧୫୦ ଶବ୍ଦରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୫ ନମ୍ବର ।

ତୃତୀୟ ଏକକ - ଏକାଙ୍କିକା (୧୬ ପିରିଅଡ଼) ୨୦ ନମ୍ବର

୧. ଅତ୍ୟାଚାରିତ - ପ୍ରାଣବନ୍ଧୁ କର

୨. ଭାଲୁ ଉପଦ୍ରବ - ବିଜୟ ମିଶ୍ର

୩. ସୀମିତ ସମ୍ପର୍କ - କାର୍ତ୍ତିକ ଚନ୍ଦ୍ର ରଥ

❖ ଏହି ଏକକରୁ ୫ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉ ର ଦିଆଯିବ । ସେଥିମଧ୍ୟରୁ ପରୀକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉ ରଟି ବାଛି ଲେଖିବେ ।
ଏହାର ମୂଲ୍ୟ ୧ x ୫ = ୫ ନମ୍ବର ।

❖ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟିର ଉ ର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୧ x ୩ = ୩ ନମ୍ବର

❖ ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟିର ଉ ର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୨ x ୨ = ୪ ନମ୍ବର ।

❖ ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉ ର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୩ x ୧ = ୩ ନମ୍ବର ।

❖ ୨ଟି ଦୀର୍ଘ ଉ ରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉ ର ୧୫୦ ଶବ୍ଦରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୫ ନମ୍ବର ।

ଚତୁର୍ଥ ଏକକ - ବୋଧଜ୍ଞାନ ପରୀକ୍ଷଣ (୧୬ ପିରିଅଡ଼) ୨୦ ନମ୍ବର

୧. ଅବବୋଧ ପରୀକ୍ଷଣ (କ) ଗଦ୍ୟାଂଶ (ଖ) ପଦ୍ୟାଂଶ

୨. ସମ୍ବାଦ ଲିଖନ

(କ) ଅବବୋଧ ପରୀକ୍ଷଣ ନିମନ୍ତେ ଏକ ଗଦ୍ୟ ଅନୁଚ୍ଛେଦ ଦିଆଯିବ ।
ସେଥିରୁ ପ୍ରଥମ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉ ର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୧ x ୪ = ୪ ନମ୍ବର ।
ପୁନଶ୍ଚ
ସେଥିରୁ ୩ଟିର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉ ର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୨ x ୩ = ୬ ନମ୍ବର ।

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(ଖ) ଗୋଟିଏ ଅଜ୍ଞାତ କବିତା ଦିଆଯିବ । ସେଥିରୁ ୫ଟି ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉ ର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୧ x ୫ = ୫ ନମ୍ବର ।

(ଗ) ସାଂପ୍ରତିକ ଘଟଣାକ୍ରମକୁ ଆଧାର କରି ସମ୍ବାଦ ପ୍ରସ୍ତୁତ କରାଯିବ । ଦୁଇଟି ପ୍ରଶ୍ନ ମଧ୍ୟରୁ ଗୋଟିକ ଉ ର ଦେବାକୁ ହେବ ୧୫୦ ଶବ୍ଦ ମଧ୍ୟରେ ।

ଏହାର ମୂଲ୍ୟ ୫ x ୧ = ୫ ନମ୍ବର ।

ପ ମ ଏକକ - ପ୍ରବନ୍ଧ ଓ ବ୍ୟାକରଣ (୧୬ ପିରିଅଡ଼) **୨୦ ନମ୍ବର**

(କ) ପ୍ରବନ୍ଧ

(ଖ) ପତ୍ର ଲିଖନ

(ଗ) ବ୍ୟାକରଣ

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

❖ ପ୍ରବନ୍ଧରୁ ତିନୋଟି ପ୍ରଶ୍ନ ଦିଆଯିବ । ସେଥିରୁ ଯେକୌଣସି ଗୋଟିଏ ପ୍ରଶ୍ନର ଉ ର ୧୫୦ ରୁ ୨୦୦ ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୫ x ୧ = ୫ ନମ୍ବର ।

❖ ପତ୍ର ଲିଖନରୁ ଦୁଇଟି ପ୍ରଶ୍ନ ଦିଆଯିବ । ସେଥିରୁ ଯେକୌଣସି ଗୋଟିଏ ପ୍ରଶ୍ନର ଉ ର ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୫ x ୧ = ୫ ନମ୍ବର

❖ ପଦ ପ୍ରକରଣରୁ ବିଶେଷ୍ୟ, ବିଶେଷଣ, ସର୍ବନାମ, ଅବ୍ୟୟ, କ୍ରିୟାରୁ ୪ଟି ଲେଖାଏଁ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟି ଲେଖାଏଁ ପ୍ରଶ୍ନର ଉ ର ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୧ x ୨ = ୨, ୧ x ୨ = ୨, ୧ x ୨ = ୨, ୧ x ୨ = ୨, ୧ x ୨ = ୨ = ୧୦ ନମ୍ବର ।

ପାଠ୍ୟଗ୍ରନ୍ଥ - ଓଡ଼ିଶା ରାଜ୍ୟ ପାଠ୍ୟ ପୁସ୍ତକ ପ୍ରଣୟନ ଓ ପ୍ରକାଶନ ସଂସ୍ଥା, ଭୁବନେଶ୍ୱର

ଆଧୁନିକ ଭାରତୀୟ ଭାଷା (ବାଧତାମୂଳକ) ଓଡ଼ିଆ

ଦ୍ୱିତୀୟ ବର୍ଷ (୨ୟଭାଗ)

ପୂର୍ଣ୍ଣ ସଂଖ୍ୟା - ୧୦୦ ସମୟ - ୩ ଘ ।

ପିରିଅଡ଼ ସଂଖ୍ୟା - ସାପ୍ତାହିକ - ୫ (ବାର୍ଷିକ ୮୦)

ପ୍ରଥମ ଏକକ (Unit - I) - ଗଦ୍ୟ (୧୬ ପିରିଅଡ଼) **୨୦ ନମ୍ବର**

୧. ଇତିହାସ - ବିଶ୍ୱନାଥ କର

୨. ସ୍ୱାଧୀନ ଦେଶର ଶିକ୍ଷା ଚିନ୍ତା - ଗୋଲୋକ ବିହାରୀ ଧଳ

୩. ପୁଷ୍ପପୁରରେ ବର୍ଷାକରଣ - କୃଷ୍ଣଚନ୍ଦ୍ର ପାଣିଗ୍ରାହୀ

୪. ତିନି ତୁଣ୍ଡରେ - ଭୁବନେଶ୍ୱର ବେହେରା

❖ ଏହି ଏକକରୁ ୫ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉ ର ଦିଆଯିବ । ସେଥିମଧ୍ୟରୁ ପରୀକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉ ରଟି ବାଛି ଲେଖିବେ ।

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ଏହାର ମୂଲ୍ୟ ୧ x ୫ = ୫ ନମ୍ବର ।

❖ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟିର ଉ ର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୧ x ୩ = ୩ ନମ୍ବର

❖ ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟିର ଉ ର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୨ x ୨ = ୪ ନମ୍ବର ।

❖ ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉ ର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୩ x ୧ = ୩ ନମ୍ବର ।

❖ ୨ଟି ଦୀର୍ଘ ଉ ରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉ ର ୧୫୦ ଶବ୍ଦରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୫ ନମ୍ବର ।

ଦ୍ୱିତୀୟ ଏକକ (Unit - II) - ପଦ୍ୟ (୧୬ ପିରିଅଡ଼) **୨୦ ନମ୍ବର**

୧. ବଡ଼ପଣ - ରାଧାନାଥ ରାୟ
୨. ତପସ୍ୱିନୀର ପତ୍ର - ଗଙ୍ଗାଧର ମେହେର
୩. ବନ୍ଦୀର ବିରହ ବ୍ୟଥା - ଗୋପବନ୍ଧୁ ଦାସ
୪. ବା ି - ସଚ୍ଚିଦାନନ୍ଦ ରାଉତରାୟ
୫. ପିଙ୍ଗଳାର ଅଭିସାର - ରାଧାମୋହନ ଗଡ଼ନାୟକ

❖ ଏହି ଏକକରୁ ୫ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉ ର ଦିଆଯିବ ।
ସେଥିମଧ୍ୟରୁ ପରୀକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉ ରଟି ବାଛି ଲେଖିବେ ।
ଏହାର ମୂଲ୍ୟ ୧ x ୫ = ୫ ନମ୍ବର ।

❖ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟିର ଉ ର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୧ x ୩ = ୩ ନମ୍ବର

❖ ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟିର ଉ ର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୨ x ୨ = ୪ ନମ୍ବର ।

❖ ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉ ର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୩ x ୧ = ୩ ନମ୍ବର ।

❖ ୨ଟି ଦୀର୍ଘ ଉ ରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉ ର ୧୫୦ ଶବ୍ଦରେ ଦେବାକୁ ହେବ ।
ଏହାର ମୂଲ୍ୟ ୫ ନମ୍ବର ।

ତୃତୀୟ ଏକକ (Unit - III) - ଗଳ୍ପ (୧୬ ପିରିଅଡ଼) **୨୦ ନମ୍ବର**

୧. ସଭ୍ୟ ଜମିଦାର - ଫକୀର ମୋହନ ସେନାପତି
୨. ପତାକା ଉେ ାଳନ - ସୁରେନ୍ଦ୍ର ମହାନ୍ତି
୩. ରୂପନାରାୟଣ ସାହା - ଅଖିଳ ମୋହନ ପଟ୍ଟନାୟକ
୪. ଆକାଶ କଇଁଚ - ମନୋଜ ଦାସ

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❖ ଏହି ଏକକରୁ ୫ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନ ପାଇଁ ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉ ର ଦିଆଯିବ । ସେଥିମଧ୍ୟରୁ ପରୀକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉ ରଟି ବାଛି ଲେଖିବେ ।

ଏହାର ମୂଲ୍ୟ ୧ x ୫ = ୫ ନମ୍ବର ।

❖ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୩ଟିର ଉ ର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୧ x ୩ = ୩ ନମ୍ବର

❖ ୩ଟି ୨ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟିର ଉ ର ୨ଟି ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୨ x ୨ = ୪ ନମ୍ବର ।

❖ ୨ଟି ୩ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉ ର ୩୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୩ x ୧ = ୩ ନମ୍ବର ।

❖ ୨ଟି ଦୀର୍ଘ ଉ ରମୂଳକ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୧ଟିର ଉ ର ୧୫୦ ଶବ୍ଦରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୫ ନମ୍ବର ।

ଚତୁର୍ଥ ଏକକ (Unit - IV) - ବୋଧଜ୍ଞାନ (୧୬ ପିରିଅଡ଼) **୨୦ ନମ୍ବର**

୧. ଅବବୋଧ ପରୀକ୍ଷଣ (କ) ଗଦ୍ୟାଂଶ - ୧୦ ନମ୍ବର

(ଖ) ପଦ୍ୟାଂଶ - ୫ ନମ୍ବର

୨. ସର୍ଜନାତ୍ମକ ରଚନା - ୫ ନମ୍ବର

(ରୂଢ଼ି, ପ୍ରବାଦ, ପ୍ରବଚନ ଓ ସୂକ୍ତି ଆଧାରିତ)

❖ ଅବବୋଧ ପରୀକ୍ଷଣ ନିମନ୍ତେ ଏକ ଗଦ୍ୟ ଅନୁଚ୍ଛେଦ ଦିଆଯିବ ।

ସେଥିରୁ ପ୍ରଥମ ୪ଟି ୧ ନମ୍ବର ବିଶିଷ୍ଟ ପ୍ରଶ୍ନ ପଡ଼ିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉ ର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୧ x ୪ = ୪ ନମ୍ବର ।

ପୁନଶ୍ଚ

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

ଏହାର ମୂଲ୍ୟ ୨ x ୩ = ୬ ନମ୍ବର ।

❖ ଅବବୋଧ ପରୀକ୍ଷଣ ନିମନ୍ତେ ଏକ ପଦ୍ୟ ଅନୁଚ୍ଛେଦ ଦିଆଯିବ । ସେଥିରୁ ୫ଟି ପ୍ରଶ୍ନ ପଡ଼ିବ । ସମସ୍ତ ପ୍ରଶ୍ନର ଉ ର ବାଧତାମୂଳକ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଉ ର ଗୋଟିଏ ବାକ୍ୟରେ ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୧ x ୫ = ୫ ନମ୍ବର ।

❖ ରୂଢ଼ି, ପ୍ରବାଦ, ପ୍ରବଚନ ଓ ସୂକ୍ତି ଆଧାରିତ ସର୍ଜନାମୂଳକ ଲିଖନ ସମ୍ବନ୍ଧୀୟ ୩ଟି ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ଗୋଟିଏ ଉ ର ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୫ x ୧ = ୫ ନମ୍ବର ।

ପ ମ ଏକକ (Unit - V) - ପ୍ରବନ୍ଧ ଓ ବ୍ୟାକରଣ (୧୬ ପିରିଅଡ଼) **୨୦ ନମ୍ବର**

(କ) ଦରଖାସ୍ତ ଓ ପତ୍ର ଲିଖନ

(ବ୍ୟବସାୟିକ, ବ୍ୟକ୍ତିଗତ, ବୃ ନିମି , ସରକାରୀ କାର୍ଯ୍ୟାଳୟ ସମ୍ବନ୍ଧୀୟ, ସାମୟିକ ଛୁଟି ଓ ସଂପାଦକଙ୍କୁ ପତ୍ର)

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(ଖ) ସଂକ୍ଷିପ୍ତକରଣ

(ଗ) ବ୍ୟାକରଣ

୧) ରୂଢ଼ିକୁ ବାକ୍ୟରେ ପ୍ରୟୋଗ

୨) ଏକପଦୀକରଣ

୩) ସମୋଚାରିତ ଭିନ୍ନାର୍ଥବୋଧକ ଶବ୍ଦ

୪) ବିପରୀତ ଅର୍ଥବୋଧକ ଶବ୍ଦ

୫) ଭ୍ରମ ସଂଶୋଧନ (ଶବ୍ଦ)

❖ ଦରଖାସ୍ତ ଓ ପତ୍ରଲିଖନରୁ ୨ଟି ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥରୁ ଗୋଟିଏ ଉ ର ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୫ x ୧ = ୫ ନମ୍ବର ।

❖ ସଂକ୍ଷିପ୍ତକରଣ ନିମନ୍ତେ ଏକ ଗଦ୍ୟ ଅନୁଚ୍ଛେଦ ଦିଆଯିବ । ସେଥିରୁ ପରୀକ୍ଷାର୍ଥୀ ଏକ ତୃତୀୟାଂଶ ଶବ୍ଦରେ ଉ ର ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୫ x ୧ = ୫ ନମ୍ବର

❖ ରୂଢ଼ି ପ୍ରୟୋଗ, ଏକପଦୀକରଣ, ସମୋଚାରିତ ଭିନ୍ନାର୍ଥବୋଧକ ଶବ୍ଦ, ବିପରୀତ ଅର୍ଥବୋଧକ ଶବ୍ଦ ଏବଂ ଭ୍ରମ ସଂଶୋଧନ (ଶବ୍ଦ)ରୁ ୪ଟି ଲେଖାଏଁ ପ୍ରଶ୍ନ ପଡ଼ିବ । ସେଥିରୁ ୨ଟି ଲେଖାଏଁ ପ୍ରଶ୍ନର ଉ ର ଦେବାକୁ ହେବ ।

ଏହାର ମୂଲ୍ୟ ୧ x ୨ = ୨, ୧ x ୨ = ୨, ୧ x ୨ = ୨, ୧ x ୨ = ୨, ୧ x ୨ = ୨ = ୧୦ ନମ୍ବର ।

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M.I.L (HINDI)

QUESTION PATTERN AND DISTRIBUTION OF MARKS

Paper - 1

GROUP -A

(OBJECTIVE - TYPE)

1. Multiple choice/one word

Answer type forty Questions from Unit I, II, III & IV

(Forty Questions may be asked) 1 x 40 = 40

Group - B

(VERY SHORT ANSWER TYPE)

2. Very short one or two line

Answer type Nine Questions from Unit - I, III & IV

(Twelve Questions may be asked) 2 x 9 = 18

Group - C

(SHORT ANSWER TYPE)

3. Short four to five line

Answer type four Questions from Unit - III & IV

(Eight Questions may be asked) 3 x 4 = 12

Group - D

(LONG ANSWER TYPE)

4. Long ten to twelve line

Answer type six Questions from Unit - III , IV & V

(Ten Questions may be asked) 5 x 6 = 30

M.I.L (HINDI) - I

First Year

DETAILED SYLLABUS

Time - 3 Hours **Full Marks - 100**

पाठ्य पुस्तक : अमृत भारती, पाठ्य पुस्तक प्रणयन संस्था, ओडिशा, भुवनेश्वर

भाग - 1

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

(1) अपठित गद्यांश - बोध (गद्यांश पर आधारित बोध, प्रयोग, रचनांन्सा, शीर्षक पर आधारित सछूतरी प्रश्न - 2 x 5 = 10

(2) काव्यांश पर आधारित अति सछूतरी प्रश्न - 1 x 5 = 5

Unit - II : कार्यालयी हिन्दी और रचनात्मक लेखन

1. संक्षेपण 05

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2. निबंध लेखन 05

3. व्याकरण

i) उपसर्ग और प्रत्यय 1 x 5 = 5

ii) किया 1 x 5 = 5

iii) काल 1 x 5 = 5

Unit- III : काव्य भाग (25)

i) कबीरदास - दोहे

ii) सूरदास - विनय तथा बाल लीला

iii) मीरा - पद्

iv) बिहारी - दोहू

v) सुमित्रानंदन पंत - भारतमाता

vi) नागार्जुन - बहुत दिनों के बाद

vii) अशेय - हीरोशिमा

viii) दुष्यन्त कुमार - हो गई है पीर पर्वत - सी

ix) केदारनाथ सिंह - रोटी

प्रश्न : i) विकल्प चयन - 1 x 5 = 5

ii) एक वाक्य में उत्तर - 1 x 5 = 5

iii) दो वाक्यों में उत्तर - 2 x 2 = 4

iv) तीन वाक्यों में उत्तर - 3 x 2 = 6

v) दीर्घ उत्तर - 5 x 1 = 5

Unit- IV : गद्य भाग (25)

i) प्रेमचंद - जीयन मे साहित्य का स्थान

ii) जैनेन्द कुमार - बाजार दर्शन

iii) रामधारी सिंह 'दिनकर' - ईष्या, तु न गई मेरे मन से

iv) रामविलास शर्मा - अतिथि

प्रश्न - पद्य पाठ के अनुरूप

Unit- V : कहानी (10)

i) प्रेमचंद - बूढीकाकी

ii) जयशंकर प्रसाद - ममता

iii) भगयतीचरण यर्मा -खंडहरसरहब का खुता

iv) उदयप्रकाश - अपराध

प्रश्न - दीर्घ उत्तरमूलक 2 प्रश्न 5 x 2 = 10

QUESTION PATTERN AND DISTRIBUTION OF MARKS

M.I.L. - HINDI

Paper - II

Group - A

(Objective Type)

1. Multiple choice / one word

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Answer type forty Question from I, II, III & IV

(Forty Questions may be asked) 1 x 40 = 40

Group - B

(VERY SHORT ANSWER TYPE)

2. Very short one or two line

Answer type Nine Questions from Unit - I, III & IV

(Twelve Questions may be asked) 2 x 9 = 18

Group - C

(SHORT ANSWER TYPE)

3. Short four to five line

Answer type four Questions from Unit - III & IV

(Eight Questions may be asked) 3 x 4 = 12

Group - D

(LONG ANSWER TYPE)

4. Long ten to twelve line

Answer type six Questions from Unit - III , IV & V

(Ten Questions may be asked) 5 x 6 = 30

M.I.L (HINDI) - II

Second Year

DETAILED SYLLABUS

Time - 3 Hours **Full Marks - 100**

पाठ्य पुस्तक : अमृत भारती, पाठ्य पुस्तक प्रणयन संस्था, ओडिशा, भुवनेश्वर

भाग - 2

Unit - I : अपठित अंश । गद्य एवं पद्य **(15)**

i) गद्यांश - बोध, प्रयोग, रचना, शीर्षक आदि पर लघूत्तएत्मक प्रश्न 2 x 5 = 10

i) पद्यांश - बोध, मर्म आदि पर लघूत्तएत्मक प्रश्न 1 x 5 = 5

Unit - II

(क) प्रयोजनमूलक हिन्दी और रचना : (25)

i) पल्लवन 05

ii) पत्र - लेखन 05

(ख) व्याकरण

i) लिग 1 x 5 = 5

ii) वचन 1 x 5 = 5

iii) संज्ञा - विशेषण वेक प्रयोग 1 x 5 = 5

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Unit - III : **(25)**

काव्य :

i) रहीम - दोहे
ii) तुलसी दास - राम- विमीषण मिलन
iii) मैथिलीशण गुप्त - नर हो, न निएश करो मन को
iv) निराला - वीणा वादिनी वट हे, बादल एग
v) बच्चन - अग्निपथ
vi) सुनन्दा वुमारी चौहान - सॉसी की रानी
vii) मुक्ति बोध - पूॅजीवादी समाज वेफ प्रटि
viii) मंगलेशडबराल - ताकत की दुनिया

प्रश्न :

i) विकल्प चयन 1 x 5 = 5
ii) एक वाक्य मा उत्तर 1 x 5 = 5
iii) दो वाक्यो मे उत्तर 2 x 2 = 4
iv) तीन वाक्यों मे उत्तर 3 x 2 = 6
v) दीर्घ उत्तर 5 x 1 = 5

Unit - IV : गद्य पाठ :

i) बालवृफष्ण भट्ट - आत्मानिर्भरता
ii) रामचन्द्र सुवल - उत्साह
iii) शरह जोशी - टुम जाओगे, अतिथि
iv) बचेन्द्र पाल - एवरेस्य : मेरी शिखर यात्रा

प्रश्न : पद्यपाठ वेफ अनुरूप

Unit - V :

i) अज्ञेय - खितिन बाबू
ii) मोहन एवेफश - परमात्मा का वुफत्ता
iii) मन्नू भण्डारी - मजबूरी
iv) भारत भुषण अग्रवाल - महाभारत की एक सॉझ

प्रश्न : दीर्घ उत्तरमूलक २ प्रश्न

BENGALI

(Compulsory)

The present syllabus in Bengali is designed to improve the Bengali language and knowledge in Bengal literature and Indian Culture. To strengthen the national integrity a profound sense of patriotism and nationalism tempered with the spirit of "Vasundhaiva Kutambakam.

The Syllabus has been divided into two parts/The first part is meant for the students of XI class and the examination of the first part shall be conducted at the end of the XI Class at College/ HS School level.

The Second part of the syllabus is meant for the students of XII Class and the examination of this part shall be conducted at the end of XII Class at Council level.

M.I.L. (BENGALI)

(Compulsory)

First Year

LANGUAGE - 50 MARKS

UNIT - I Grammar = 30 Marks

1. Samas (Dawanda Samas, Bahubrihi 2 x 5 = 10 and Karmadharayan

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2. Synonyn / Antonym (with alternatives) 2 x 5 10

3. Proverbs and Indioms (with alternatives) - 2 x 5 = 10

UNIT - II Amplification (Bhabsamprasaran) (2) 5 x 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 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

UNIT - I

Books Prescribed:

PROSE:

Uchha Madhyamik Bangia 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. Bangladeshe Nilkar - Pyarichand Mitra.
2. Sitar Banabas - Iswarchandra Vidyasagar.
3. Bisarjan - Bankimchandra Chattopadhya
4. Sudra gagaran - 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)

Srikanta - Sarat Chandra Chattopadhayay

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(Chapter -1 to 7 (one to seven) to be read in the first year)

UNIT - IV

Grammar

Proverbs and Indioms, Sentence and word formation Annonyms 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-

B. One explanation with alternative

C. Five very short answer type questions with alternative Q 2 x 10 = 20

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 each

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 Bhusan Bandopadhay

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. Swarga Haite Viday - Rabindra nath Tagore
4. Rupai - Jasimuddin

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UNTT - III NOVEL - (Non-detailed Study)

Pather Panchali - Bibhuti Bhusan Bandhopadhyaya

(Chapter (8 to 12) eight to twelve to be studied in the Second year.)

UNIT - IV Grammar and Essay

(i) Pada Paribartan

(ii) Somas

(iii) Somo chharita-Bhinna Thark Sobda and its application in sentences.

Distribution of marks of unit wise:-

There shalf 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 datail) -

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)

CLASS XII, TIME 3 HRS. MAXIMUM MARKS = 100

LANGUAGE = 50 MARKS

UNIT - I Grammar = 30 Marks

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

UNIT - II Amplification (Bhabsamprasaran) (2) 5 x 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 Expl - 5

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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

UNIT - IV

Grammar

Proverbs and indioms, 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 Bhusan Bandopadhay

UNIT - II POETRY:

Madhukari - Kalidas Ray

(Published by Orient Book Company, Kolkata -12)

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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

(Compulsory}

The present syllabus in Bengali is designed to improve the Bengali language and knowledge in Bengal literature and Indian Culture. To strengthen the national integrity a profound sense of patriotism and nationalism tempered with the spirit of "Vasundhaiva Kutambakam.

The Syllabus has been divided into two parts/The first part is meant for the students of XI class and the examination of the first part shall be conducted at the end of the XI Class at College/

HS School level.

The SecondjiarfbTthe syllabus is meant for the students of XII Class and the examination of this part shall be conducted at the end of XII Class at Council level.

M.I.L (BENGALI)

(Compulsory)

First year Paper-1

(F M. -100 Time -3 hours and consisting of four units.)

The examination shall be conducted at the end of XI class at College / H.S. School level.

According to the educational policy and guideness given by the Council the Syllabus is prepared as follows:

UNIT -1

Books Prescribed:

PROSE:

Uchha Madhyamik Bangia Sankalan. (Gadya) for Class XI & XII. Published by paschim Banga uchha Madhyamik Siksha Sansad, Viswa Vharati.

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

1. Bangladeshe Nilkar - Pyarichand Mitra.
2. Sitar Banabas - Iswarchandra Vidyasagar.
3. Bisarjan - Bankimchandra Chattopadhya
4. Sudra gagaran - 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

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3. Premer Tulana - Durija Chandidas
4. Avigir Akshep - Gyandas.

UNIT - III

NOVEL - (Non-Detailed)

Srikanta - Sarat Chandra chattopadhayay

(Chapter -1 to 7 (one to seven) to be read in trie first year)

UNIT - III (Non-detailed Study)

Pather Pancholi - Bibhuti Bhusan Bandhopadhyaya

(Chapter (8 to 12) eight to twelve to be studied in the Second year.)

UNIT - IV Grammar and Essay

(i) Pada Paribartan

(ii) Somas

(iii) Somo chharita-Bhinna Thark Sobda and its application in sentences

Distribution of marks of unit wise:-

There shalf 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 datail) -

A. Four short answer type Question with alternative

Unit-IV Grammar & Essay-

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

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)

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1.	Thirty very short questions (from unit I, II & III)	30x1 =30 Marks
2.	Ten very short questions (from unit IV-A)	10x1=10 Marks

Group-B (short Type Questions)

3.	Six short questions (from Unit!, II & III)	6x2=12 Marks
4.	Four explanation (only Bhavartha from unit I & II)	4x2=8 Marks
5.	Five short questions (from Unit IV-A).	5x2=10Marks

Group -C (Long Type Questions)

6.	Three long questions with alternative	3x7=21 Marks
7.	Letter writing/essay with alternative (from unit IV-B)	1x9=9 Marks
	TOTAL -	100 marks

TOPICS TO BE STUDIED:

UNIT - I POETRY: (20 periods)

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

UNIT-II PROSE : (20 periods)

1.	MitraLabhamu	-	Paravastu Chtnnayasuri
2.	Vemana	-	Dr. G.V.Krishna Rao
3.	C.P. Brown Sahitya Seva	-	Prof. K. Sarvothama Rao
4.	AIDS	-	Dr. Singupuram Narayana Rao
5.	Teiugu Patrikala Purva Rangam	-	Namala Visveswara Rao

UNIT - III NON - DETAIL : (16 periods)

	Raja Raja Prasasti	-	Prof..S. Gangappa

UNIT - IV (A) GRAMMER : (16 periods)

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

B) WRITING / GENERAL ESSAY: (08 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

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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)	30x1 =30 Marks
2.	Ten very short questions (from unit IV-A)	10x1=10 Marks

Group-B (short Type Questions)

3.	Six short questions(from Unit I, II & III)	6x2=12 Marks
4.	Four explanations (only Bhavartha from unit! & II)	4x2=8 Marks
5.	Five short questions (from Unit IV-A)	5x2=10 Marks

Group -C (Long Type Questions)

6.	Three long questions with alternative	3x7=21 Marks
7.	Re-Translation (from unit iv-B)	1x9=9 Marks
	TOTAL	**100 marks**

TOPICS TO BE STUDIED:

UNIT - I POETRY: (20 periods)

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

UNIT - II PROSE: (20 periods)

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

UNIT - III NON-DETAIL: (16 periods)

Rudrama Devi - Smt. P.B. Kausalya

UNIT - IV A) GRAMMAR: (16 periods)

Paribhashika padamulu

Chandssu : Utpalamala, Champakamaia,

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Sardhulamu, Mathebhamu, Ataveladi, Tetageeti

Aiankaramuiu : Upama, Rupaka, Utpreksha, Ardhantaranyasa, Atisiyokti

B) RE-TRANSLATION (English to Telugu) :(08 periods)

BOOKS PRESCRIBED:

1) Poetry & Prose : Sahitee Mandaram

- By Dr. Singupuram Narayana Rao

2) Non-Detail: Rudramadevi

- By Smt. P.B. Kausalya

3) Grammar: Vyakarana Parijatamu

- By Dr. Singupuram Narayana Rao

M.I.L. (URDU)

(Compulsory)

FIST YEAR

Time-3hrs. **P.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. level.

Distribution of marks

GROUP - A

30 MARKS

Very Short Type Answer

1. 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 - A

40 MARKS

Short Type Answer

3. Answer within two/three sentences

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

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Total = 22 Marks

4. Answer within six sentences

A. Prose- Three questions to be answered out of four questions. 3x3 = 09 Marks

B. Ghazaliyat- Three Ashaar explanation to be answered out of four Ashaar.

3 x 3 = 09 Marks

Total = 18 Marks

GROUP-C 30 MARKS

Logn Type Answer...

A. Prose: One long answer type question about 150 words with an alternative from prose portion.

7.5 Marks

B. Poetry: One long answer type question about 150 words with an alternative from poetry.

7.5 Marks

C. Non detailed - on long answer type question about 150 words with an alternative from non-detailed portion. 7.5 Marks

D. Letter / Application: One Letter Writing / application writing about 100 words.

7.5 Marks

Books Prescribed:

JADID ADAS PARE

Compiled by : Dr. Azizur Rahman

Mir Ashraf Ali

Recommended Book "JADID ADAB PARE",

Published by Odisha State Bureau of Text Book preparation and Production, BBSR.

Unit -I 20 Classes

1. Prose Portion:

Portion to be studied:

i. Qaumi Hamdardee - Altaf Hossain Mali

ii. Sair Pahle Darwesh Ki - Mir Amman

iii. Mitti Ka Tel - Hasan Nezami.

iv. Eik Bada Aadmi - Ratan Singh

v. Bahadur Shah-Do Ghaz Zamien - Dr. Mahfuzul Hassan

Unit - II 24 Classes

2. (a) Poetry Portion :

Portions to be studied :

i. Aata Dal - Nazir.

ii. Tasweere-e-Dard - Iqbal.

iii. Jogan Aur Chandni Raat - Mir Hasan

iv. Naojawanon-se-khetab - Josh

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v. Mera Watan Ehi Hai - Sajeda Zaidi

(b) Ghazaliyat Portions:

i. Ghalib, ii. Dard, iii. Aatish, iv. Momim, v. Naok

Unit - III **16 Classes**

3. 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

II. MUSADDAS HALI

by: Altaf Husain Mali

Pulisher: Educational Book House Aligarh (UP)

Unit - IV **5 Classes**

4. Letter Writing:

There shall be letter Writing /Application Writing

5. Grammar:

URDU ZOBAN-O-QUWAID PART-1

by: Shafi Ahmad Siddiqui

Portions to be studied:

i. Ism ki Qismein
ii. Fail ki Qismein
iii. Sabque Aoor Laahque
iv. Mutashabat Alfaz

SECOND YEAR

Time- 3hrs **P.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.EMevel.

Distribution of marks

GROUP-A

30 MARKS

Very Short type Answer.

1. 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. Answer within two/three sentences

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A. Comperhension of an unseen passage of about 150 words. Followed by seven questions to answered out of nine question. 7x2 = 14 Marks

B. Prose: Four questions to be answered out of six questions 4 x 2 = 08 Marks

Total = 22 Marks

4. Answer within six sentences

A. Prose: Three questions to be answered out of four questions. 3 x 3 = 09 Marks

B. Ghazaliyat: Three Ashaar explanation to be answered out of four Ashaar.

3 x 3 = 09 Marks

Total = 18 Marks

GROUP-C **30 MARKS**

5. Long Type Answer

A. Prose: One long answer type question about 150 words with an alternative from prose portion.

7.5 Marks

B. Poetry: One long answer type question about 150 words with an alternative from poetry.

7.5 Marks

C. Non detailed - on long answer type question about 150 words with an alternative frorrmon-detailed portion. 7.5 Marks

D. Essay: One long answer type question about 150 words with three alternatives.

7.5 Marks

Books Prescribed:

JADIDADABPARE

Compiled by: Dr. Azizur Rahman

Mir Ashraf Ali

Recommended Book “JADID ADAB PARE”,

Published by Odisha State Bureau of Text Book preparation and Production, BBSR.

Unit - I **20 Classes**

1. Prose Portions:

Portions to be studied:

i. Hindu Musalman Eik Qaum Hain - Sir Sayed Ahmad Khan

ii. Haqeeqi Azmat - Moulana Abul Kalam Azad.

iii. Ustad ki Talash - Farhatullah Baig

iv. Ek Aurat - Rajendra Singh Bedi

v. Diary - Abuzar Usmani

Unit - II **24 Classes**

2. (a) Poetry Portions :

Portions to be studied:

i. Shamma Parwana — Iqbal.

ii. Desh Bhakt — Reza Naqvi Wahi.

iii. Tajmahal Ki Pahli Jhalak per — Karamat Ali Karamat

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iv. Wadei-e-Ganga Mein ek Raat — Akhtar Shirani

v. Mera Safar — Ali SardarZafri

(b) Ghazaliyat and Rubaiyat Portions:

i. Dagh, ii. Shad, iii. Hasrat, iv. Majruh, v. Jami

Unit - III **16 Classes**

3. Non detailed studies:

Any one of the following books only last half of the books in the 2nd year.

i. TAUBATUN NASOOH

by: Deputy Nazeer Ahemad

Pulisher: Maktab-E-Jamiya LTD.

Jamia Nagar, New Delhi -110025

ii. MUSADDAS MALI

by: Altaf Husain Hali

Publisher: Educational Book House Aligarh (UP)

Unit - IV **5 Classes**

4. (a) Essay:

There shall be one general Essay with three alternatives

(b) Comprehension

5. Grammar: I

URDU ZOBAN-O-QUWAID PART-1

by: Shafi Ahmad Siddiqui

Portions to be studied:

i. Tazkir-O-Tanis

ii. Wahid-O-Jama

iii. Mutazad Alfaz

iv. Mahaware

M.I.L. (Sanskrit)

FIST YEAR

Total Classes - 80

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	20
b)	Writing Skill	25	40
c)	Literary Text	35	40
	Total	80 Classes	100 Marks

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PORTIONS TO BE STUIDED

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

संस्कृतप्रभा-गद्यभागः

The following proe pieces from the above mentioned book are to be stuided

1) मनुमत्स्याख्यानम् (Manumatsyakhyanam)

2) चतुरशृगालः (Chaturasrugalah)

3) संस्कृते किं नास्ति (Sanskrta kim nasti)

4) जाबालः सत्यकामः (Jabalah Satyakamah)

b) Poetry - Samskrtaprabha (Podyabhagah)

संस्कृतप्रभा (पद्यभागः)

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

1) सुभाषितावली (Subhasitavali)

2) भाति मे भारतम् (Bhati me Bharatam)

3) वसन्तः (Vasantah)

c) Grammar from the Prose and Poetry

1) सन्धि - सन्धिविच्छेद Sandhi and Sandhi Viccheda

2) कारकविभक्ति (Karak Vibhakti)

3) प्रकृतिप्रत्यय (Prakrti Pratyaya)

d) Topics from the Grammar text

1) स्त्रीप्रत्यय Stripratyaya

2) समास Samasa

3) एकपदीकरण Formation of single word from Stripratyaya and Samasa

e) Translation and Comprehension

1) Comprehension - Sanskrit Passage from the comprehension pasages of संस्कृतप्रभा, Part - I

2) Translation into Odia/English from prose and Poetry, translation from Sanskrit to Odia/English.

f) Writing Skill

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

Books Recommended

1) Sanskrtaprabha, Part - I - संस्कृतप्रभा - प्रथमोभागः

Published by Odisha State Bureau of Textbook Preparation and Production.

2) Vyakarana - darpants - ब्याकरण दर्पणः

Published by Odisha State Bureau of Textbook Preparation and Production.

Distribution of Marks

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1. **Reading Skill -** **20 Marks**

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. Writing Skill

i) Very short questions from Grammar Text - 10 Marks

a) Stripratyaya - 1 x 3 = 3 Marks

b) Samasa - 1 x 4 = 4 Marks

c) Ekapadikarana - 1 x 3 = 3 Marks

ii) Translation of verse into Odia / English from Poetry Text - 4 x 1 = 4 Marks (out of 02 verses)

iii) Translation of one pasage into Odia/English from Prose Text - 6 x 1 = 6 Marks

iv) Translation of an Unseen Sanskrit Passage to Odia/English from given Passage - 1 No.
10 x 1 = 10 Marks

v) Application / Letter writing - 1 No. - 10 x 1 = 10 Marks (out of 2 questions)

3. Literary Text **40 Marks**

i) Grammar from Prose: (Sandhiviccheda) - 1 x 4 = 4 Marks

ii) Grammar from Poetry:
Karaka-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 x 1 = 08 Marks (out of two verses)

v) Comprehension (one passage) from text (1 - 8) 2 x 5 = 10 Marks

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

M.I.L. (Sanskrit)

SECOND YEAR

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	20
b)	Writing Skill	25	40
c)	Literary Text	35	40
	Total	80 Classes	100 Marks

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PORTIONS TO BE STUIDED

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

संस्कृतप्रभा - गद्यभाग:

The following proe pieces from the above mentioned book are to be stuided

1) कपोतलुब्धककथा (Kapotalubdhakakatha)
2) सुश्रुतस्य यन्मकर्मशस्त्रकर्माणि (Susrutasya Yantrakarmasastrakarmini)
3) गुणिगुणहीनविवेक: (Gunigunahinavivekah)
4) रामतपोवनाभिगमनम् (Ramatapovanabhigamanam)

b) Poetry - Samskrtaprabha (Podyabhagah)

संस्कृतप्रभा (पद्यभाग:)

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

1) दशावतारस्तुति: (Dasavatarastutih)
2) गीतासवरभम् (Gitasourabham)
3) रघुवंशम् (Raghuvamsam)

c) Grammar from the Prose and Poetry

1) कारकविभक्ति (Karak Vibhakti)
2) सन्धि - सन्धिविच्छेद Sandhi and Sandhi Viccheda

d) Topics from the Grammar text

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

e) Translation and Comprehension

1) Comprehension - Sanskrit Passage from the comprehension pasages of संस्कृतप्रभा,Part - II
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 and Precis writing.

Books Recommended

1) Sanskrtaprabha, Part - II - संस्कृतप्रभा - द्वितीयोभाग:

   Published by Odisha State Bureau of Textbook Preparation and Production.

2) Vyakarana - darpants - ब्याकरण दर्पण:

   Published by Odisha State Bureau of Textbook Preparation and Production.

Distribution of Marks

1. **Reading Skill -** **20 Marks**

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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. Writing Skill **40 Marks**

i) Very short questions from Grammar Text - 10 Marks

a) Sabdarupa - 1 x 3 = 3 Marks

b) Dhaturupa - 1 x 3 = 3 Marks

c) Samasa - 1 x 2 = 2 Marks

d) Stripratyaya - 1 x 2 = 2 Marks

ii) Translation of verse into Odia / English from Poetry Text - 4 x 1 = 4 Marks (out of 02 verses)

iii) Translation of pasage to Odia/English from Prose Text - 6 x 1 = 6 Marks

iv) Precis writing - 1/3 of an Unseen Passage - 10 Marks

v) Unseen Passage translation from Odia/English to Sanskrit - 10 Marks

3. Literary Text **40 Marks**

i) Grammar from Prose/Poetry Text - 10 Marks

Karaka-Vibhakti - 2 x 3 = 6 Marks

Sandhi and Sandhi-Vicchheda - 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 - 16) 2 x 5 = 10 Marks

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

ALTERNATIVE ENGLISH

1. Introduction: The course is meant for the students

(a) who opt to study English in lieu of a Modem Indian Language, and

(b) who seek-to develop a high level of competence in English.

It is assumed that the students who offer to study this course have high motivation an competence in English. Hence, it aims at building up on their previous learning and their acquisitio of skills in compulsory English course which they are exposed to simultaneously.

2. Objectives : By the end of the course a student should be able to

(a) transact real-life business in English, and

(b) appreciate, evaluate and enjoy different types of writing in English

By the end of the Higher Secondary Course in Alternative English, the learners are expected tp : acquire the language skills specified below :

3.1. Reading (Non-fictional prose) :

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(a) To make predictions and guesses while reading a prose text

(b) To understand relations between the parts of a reading text and recognize the indicators in discourse.

(c) To understand the writer's intention/attitude, to discriminate between facts and opinions, to recognize the writer's bias, if any, and to assess the communicative value of a given text. .

(d) To identify the structure of a text, such as descriptive sequence, chronological sequence, cause-and-effect chain, argumentative and logical organization, etc.

(e) To compare and contrast two texts on similar themes

(f) To use reference skills to select a suitable text for reading.

(g) To use the title, blurb, contents and index of a book in order to form an overall idea of what the book is about and of whether it will be relevant reading with reference to a particular topic.

3.2. Reading (Poetry) :

(a) To recognize the structure of a poem and to appreciate the themes and ideas presented therein.

(b) to recognize, identify and interpret poetic structure in a given poem.

(c) To recognize and appreciate the effects of different poetic devices like simile7 metaphor / symbol ./personification / irony/alliteration / assonance, etc.

3.3. Reading (short stories, one-act plays) The students are expected to develop in them the capacity.

(a) to comprehend the plot and characters of a given short story/play, and

(b) to interpret the themes and points of view contained in a given story/play.

4.1. Writing : The students will be able

(a) to formulate ideas for compositions, to brainstorm and organize ideas, to write and revise their , writing on common themes/situations for given purpose.

(b) to identify grammatical errors and'to correct them in their own writing or in peer writing.

(c) To design and write a brochure or pamphlet

(d) To write the dialogues of a face-to-face/telephonic conversation.

4.2. Creative Writing : The students are expected to develop in them the ability

(a) to add a suitable beginning/ending/title to a given poem/story

(b) to reconstruct a story from a given set of questions/fillers/outlines, and

(c) to rewrite a poem/short story as a different from of discourse, i.e. a page of a diary, a newspaper article or a script for a play etc.

4. Grammar and Usage : Points relating to Grammar and usage will be mainly discourse-based. These points are discussed in 'Approaches to English Book I[1] and in Reference Books for Grammar, mentioned under Instructional Materials. They are related to the following broad topics :

i) Tense and Aspect,
ii) Modals,
iii) Non-finite Verb forms,
iv) The Passive,
v) Prepositions,
vi) Phrasal Verbs, ,
vii) Clause-types,
viii) Linking Devices, and
ix) Word Order and Emphasis

5. Instructional Materials :

(a) APPROACHES TO ENGLISH, BOOK-1

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(b) APPROACHES TO ENGLISH, BOOK-11

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

(c) Reference Books for Grammar and Usage :

(i) A UNIVERSITY GRAMMAR OF ENGLISH (Quirk, Greenbaum ETAL)

(ii) ENGLISH GRAMMAR PRACTICE (Bijoy Kumar Bal)

FIRST YEAR

A APPROACHES TO ENGLISH, BOOK-1

Prose

Units to be studied :

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

B. APPROACHES TO ENGLISH, BOOK-II

Poetry

Units to be studied :

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

Short Stories

Units to be studied :

Sl. No.		**Units**
i.	The Rainbow-Bird (Vance Palmer)	xi
ii.	The Eyes Have it (Ruskin Bond)	xii
iii.	The little Wife (William March)	xiii

One-Act Plays

Units to be studies :

Sl. No.		**Units**
i.	Mother's Day (J.B. Priestley)	xvii
ii.	The Unexpected (Ella Adkins)	xviii

C. GRAMMAR & USAGE

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

SECOND YEAR

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A. APPROACHES TO ENGLISH, BOOK-1

Units to be studied

Sl. No.		Units
i.	The Wonder World of Science	vi
ii.	Our Environment	vii
iii.	The World of Business	viii
iv.	The Changing World	ix

B. APPROACHES TO ENGLISH, BOOK-11

Poetry

Units to be studied :

Sl. No.		Units
i.	Indian Children Speak (Juanita Bell)	vi.
ii.	The Goat Paths (James Stephen)	vii
iii.	Of a Questionable Conviction (Jayanta Mahapatra)	viii
iv.	Mirror (Sylvia Plath)	ix
v.	Toads (Phili'p Larkin)	x

Short Stories

Units to be studied :

Sl. No.		Units
i.	The Happy Man (W.S.Maugham)	xiv
ii.	The Tree (Manoj Das)	xv
iii.	The Watch Man (R.K.Narayan)	xvi

One Act Plays

Units to be studies

Sl. No.		Units
i.	The Hour of Truth (Pefciva! Wilde)	xix

C. GRAMMAR & USAGE

i. Revision of Tense and Aspect'

ii. Revision of Prepositions and Phrasal Verbs .

iii. Clause-types

iv. Linking Devices

v. Word Order and Emphasis

Scheme of Evaluation

There will be a college examination in Alternative English at the end of the First Year. This will be Alternative English Paper -I carrying 100 marks. The final examination to be conducted by CHSE at the end of the second year of the course will consist of one written paper of Alternative English carrying 100 marks. The paper shall test the student's proficiency in English with respect to correctness, appropriacy, tone and style.

1. Reading Comprehension :

a) A prescribed prose piece or extract

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(5 questions - including inferential questions-are to be answered) 10 marks

b) A prescribed poem/extract
(5 questions including inferential questions and those on poetic devices, figures of speech, mood, tone and style etc.) 10 Marks

c) A prescribed story / one-act play or its extract
(5 questions including inferential questions and those on literary devices, tone etc.) 10 Marks

d) An unseen passage of at least 200 words
(5 questions including Inferential ones) 10 Marks

2. Reading related skills.

a) Guided note making based on the passage 1 (d) 5 Marks

b) Cohesive devices 10 Marks

3. Writing skills.

a) Summarising an unknown passage as given in 1 (d) with caption 10 Marks

b) Reconstruct a story from a given set of questions/fillers/outlines or completion of a story 10 Marks

c) Essay writing
(including branstorming, organizing, outlining, writing first draft and revising) 10 Marks

4. Grammar and usage (in context)

(3 questions on the prescribed grammar units) 10 Marks

Alternative English (2nd) year) To be evaluated at CHSE level

1. Reading Comprehension.

a) A prescribed prose piece or extract 10 Marks
(5 questions including inferential questions are to be answered).

b) A prescribed poem / extract
(5 questions including inferential questions and those on poetic devices, figures of speech, mode, tone and style etc.) 10 Marks

c) A prescribed story / one-act play or its extract
(5 questions including Inferential questions and those on literary devices, tone etc.) 10 Marks

d) An unseen passage of at least 200 words. 10 Marks
(5 questions including inferential ones)

2. Reading related skills. Unguided note making
(based on the passage given in 1 (d) 10 Marks

3. Writing skills.

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a) Designing and writing a brochure 10 Marks

b) Writing dialogues of a face-to-face / telephonic conversation. 10 Marks

c) Rewriting a poem/short story as a different form of discourse i.e. a page of a diary, a newspaper report/article or a script for a play etc. 10 Marks

d) Adding a suitable beginning/ending/title to a given poem/story. 5 Marks

4. Grammar and usage (in context)

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

ENVIRONMENTAL EDUCATION

(Compulsory)

THEORY

P.M. : 70

UNIT - I **8 Periods**

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

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

(B) Natural Resources **6 Periods**

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

UNIT - II **6 Periods**

Environmental Pollution:

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

UNIT - III **6 Periods**

(A) Environmental Management:

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

(B) Environmental Laws: **5 Periods**

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

UNIT - IV **5 Periods**

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Road Fafety

a) Concept & Need

b) Traffic signs

c) What to do and what not to do while on the road - safety guidelines offence and penalties.

d) Traffic Management: RTO, MVI, Police / Traffic Police

e) Traffic Awareness.

PROJECTS

F.M. : 30

1. To study the changes that have taken place in the given land area of a city/village/locality/market during the last five years in respect of at least five parameters tike number of houses^ residents and families; food habits, number of household goods in a family, consumption of water, electricity and fuel including that of personal vehicles by a famiJy, sources of noise (public address systems being used, television, radio and vehicles on the road), common facilities like number of schools, hospitals, shops, theatres, public conveyance, public utilities, public transport, number of factories, industries and/or the facilities for production and processing of goods, loss of water bodies, types and quantity of wastes, their disposal and treatment facilities with a view to discuss the patterns of changes and impact on the environment and quality of life. One specific project on these aspects may be selected to study the changes that have taken place in a given area during the last five years in respect of the number of houses, residents and families and to prepare a report on the effects on civic amenities like availability of water, electricity and fuel; the drainage system, disposal of wastes including night soil,
2. To study the environmental profile of a town/ locality/village in respect of population density, green cover, educational level of residents, social problems and sources of pollution and their effect on air, water and soil.
3. To collect data on monthly consumption of electricity and fuel from at least five families, any two commercial establishments and four public utilities in a given locality. To plan strategies for educating consumers to economise on the consumption of electricity and fuel by reducing their over-use, misuse and improper use.
4. To study, for a period of one month, the status of sanitary conditions and methods of waste disposal of a given locality vis-a-vis the role of Panchayat, Municipality or Corporation and to prepare an action plan for making the conditions more environment friendly.
5. To investigate the impact of an industry or a large manufacturing unit o'n the local environment. The parameters could be land use, the ratio of the covered area and the open space, the raw materials used for production, inputs like electricity and water, the types of waste generated and the modes of waste disposal, use,of environment friendly and efficient technology, types of pollutants emitted or discharged, the average health status of the employees and residents in the area.
6. To study the impact of changes in agricultural practices or animal husbandry including poultry, piggery, fishery and apiculture over a period of time on the local environment of a given locality or village. The components for analysis may include: types of crops, land area under cultivation, mechanisation, use of electricity, mode of irrigation and agrochemicals, agro-waste and their disposal, types of animal breed and their feed, types of shelter and healthcare, methods of preservation and processing of products and animal wastes and their disposal. To suggest an action plan for modifying the prevailing practices so as to make them environment friendly and sustainable.
7. To collect samples of water from different sources and study their physical characteristics like turbidity, colour, odour, the measure of pH, the nature of suspended and dissolved impurities and pollutants, the presence of toxic materials like mercury, lead, arsenic, fluorine and the presence of living organisms. For testing the presence of toxic materials and living organisms, the help of a local laboratory or institution may be taken, if available. To identify the most polluted sample of water and locate the sources of its pollution. To devise an action plan for mobilising public opinion for checking the pollution.

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8. To study the practices followed in the region for storage, preservation, transportation and processing of perishable or non- perishable farm products and to assess the extent of their wastage due to faulty practices.
9. To prepare a status report on the prevalence of child labour in a given area through sample surveys on children engaged as domestic help and as workers in farms, commercial establishments and manufacturing units: The survey may be in respect of age group, education, wages, working hours, working conditions, safety in works place, health, handling hazardous materials and the like. Units dealing with hazardous materials and processes may be identified and an action plan for mobilising public opinion against,the practice of child labour may be prepared.
10. To conduct a survey of plants in a locality and to collect information about their cultural, economic and medicinal values from the local people and the available literature. To prepare an action plan for their propagation.
11. Road Safety Project.

(i) To conduct a survey on Traffic Offences and student initiatives to check it.
(ii) To prepare a status report on the prevalence of Traffic - problems in a given area.
(iii) To suggest an action plan for prevention of road accidents,
(iv) To suggest the use of efficient technology for better traffic management.

Environmental Education will be assessed at the college level for 100 marks (70 marks for theory and 30 marks for project work) at the end of 1st year +2 course and the grades (A +a, B, C, D, in order of merit) are to be awarded by the college and the same shall be recorded in the body of the pass certificate given by the council subsequently. The grade secured in the Environmental Education (EE) will not affect the result of the candidate.

Mark	Grade
70% and above	Gr A+
60% to 69%	Gr A
50% to 59%	Gr B
35% to 49%	Gr C
Below 35%	Gr D

BOOK PRESCRIBED:

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

YOGA

(Theory)

+2 1st year

Full Marks - 50 **Time 2 hrs.**

Unit- I 10 marks

CONCEPT YOGA

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

Yoga and Spirituality

Unit- II 10 marks

BASIC PRINCIPLES OF YOGA PRACTICE

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

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Power of Silence

Unit-III 10 marks

BRANCHES OF YOGA

Karma Yoga, Bhakti Yoga, Raja Yoga, Jnana Yoga

Yoga in Srimad Bhagavat Gita

Unit- IV 10 marks

CONCEPT OF ASTHANGA YOGA

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

Unit - V 10 marks

YOGA AND PERSONALITY DEVELOPMENT

Meaning, Definition of Personality

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

+2 2nd year ,

Full Marks - 50 Time 2 hrs.

Unit - I

ASANA

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

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

SITTING POSTURE : padmasana janusirasana, paschimottanasana, supta vajrasana, shashankasana, ustrasana, ardhamatsyendrasana.

PRONE LYING POSTURE : shalabhasana, bhujangasana, dhanurasana.

SUPINE POSTURE : uttanapadasana, supta pawanamuktasana, naukasana, halasana, sarvangasana, matsyasana, chakrasana.

Unit-II

RELAXATION : savasana, yoganidra

Unit-III

PRANAYAMA : Priliminary practices: abdominal,

thoracic, clavicular and fullyogic breathing kapalabhati, nadisodhana, bhramari seetali/seetkari

Unit - IV and Unit - V

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

Unit-V

KRIYA : Trataka (internal and external)

For +2 1st year 50 marks theory examination and For +2 2nd year 50 marks practical examination but in 1st year and 2nd year students will learn practical

The grade secured taking together both the theory and Project/Practical marks will be refelected in the Marks sheet and the pass certificate of the Council.

Mark	Grade
70% and above	Gr A+

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60% to 69%	Gr A
50% to 59%	Gr B
35% to 49%	Gr C
Below 35%	Gr D

Books Prescribed : An Introduction to Yoga,

Published by Odisha State Bureau of Textbook Preparation

BASIC COMPUTER EDUCATION

+2 1st Year

UNIT - I

Computer Fundamentals : Necessity and uses of computer, What is computer?, Computer as a system, problem and problem solving technique, Important terminology, Input-Output devices, types of computer, (Digital, Analog, Hybrid, Super computer, Main Frame, Mini, JC, Note Book, and Laptop). Generation of Computer, Computer Memory, (Main, Secondary, Virtual. Buffer, Cache,) Computer Languages and its types. **8 Hours**

UNIT - II

Operating System: types, software, Dos and Windows : Fundamentals and Commands, Security and Anti-virus

Introduction to MS_OFFICE :

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

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

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

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

5 Hours

UNIT - III

INTERNET AND COMPUTER SECURITY:

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

APLLICATIONS: in Education, Medical Science, Business, Entertainment, Social ‘’service’s and Research etc. 7 hours

For +2 1st year 50 marks theory examination and For +2 2nd year 50 marks practical examination. TOTAL HOURS: 30 (THEORY) AND 10 HOURS (PRACTICAL).

+2 2nd Year

PRACTICALS:

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

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The grade secured taking together both the theory and Project/Practical marks will be reflected in the Marks sheet' and the pass certificate of the Council.

Mark	Grade
70% and above	Gr A+
60% to 69%	Gr A
50% to 59%	Gr B
35% to 49%	Gr C
Below 35%	Gr D

ACCOUNTANCY

FIRST YEAR

1st Elective (Compulsory)

Paper - I

Objectives:

- To provide fundamental ideas to the students about accounting as an information system;
- To enable the students to learn basic concepts of accounting and accounting standards;
- To develop the skills for application of accounting equation in processing business transactions;
- To develop an understanding about recording of business transactions and Preparation of Trial Balance
- To enable the students to learn the concept and process of preparation of Bills of Exchange along with the fundamentals of computerized accounting;
- To enable the students to understand, analyze and rectify various errors prevailed in the process of recording business transactions and
- To make the students enable to understand and prepare Bank Reconciliation Statement;

Course Inputs

Unit - I Introduction to Accounting

Evolution of Accounting and Need for Accounting, Book-Keeping and Accounting - Meaning, definition and characteristics, Relationship between Book-Keeping, Accounting and Accountancy, Accounting as a language of business, Objectives, Advantages and Limitations of Accounting, Accounting as an information system, Users of accounting information, Branches of Accounting, Accounting Cycle.

Basic Accounting Concepts

Accounting Principles (GAAP), Concepts and Conventions, Accounting Standards: Concept and Objectives, IFRS: Concept and Objectives, Basic Terms: Event, Transaction, Vouchers, Debtors, Creditors, Purchases, Sales, Assets, Liabilities, Goods, Stock, Profit, Loss, Expense, Revenue, Income, Drawings and Capital, Accounting Equation: Meaning and Preparation, System of Record Keeping: Double Entry System and Single Entry System, Basis of Accounting : Cash Basis, Accrual Basis and Hybrid Basis, Classification of Accounts: British Approach and American Approach Rules of Debit and Credit.

Unit - II Journal, Ledger and Trial Balance

Journal

Meaning & Format of Journal, Advantages and Disadvantages of using journal, Rules of Journalizing, Recording of journal entries with narration

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Ledger

Meaning & Format of Ledger, Rules of Posting and Balancing of Ledger Accounts.

Subsidiary Book

Cash Book, Purchase Book, Sales Book, Return Books, Bills Books and Journal Proper

Trial Balance :

Meaning, objectives, advantages and limitations of Trial Balance, Preparation of Trial Balance from ledger accounts & Redrafting of trial balance from incorrect trial balance

Unit - III Bills of Exchange and Computerized Accounting

Bills of Exchange :

Meaning, Definition, Parties, Specimen, Distinction Between bills of Exchange and Promissory note, Important Terms - Demand Bill, Time Bill, Terms of Bills, Days of Grace, Calculation of Due Date, Treatment of Bill, Accounting Treatment - Honour, Dishonour, Renewal, Retirement of Trade Bills and Accommodation Bill.

Computerized Accounting

Computers and its Components, Functions, Need and Advantages of Computerized Accounting, Accounting Information System (AIS)

Unit -IV Rectification of Errors and Bank Reconciliation Statement

Rectification of Errors :

Meaning of Errors and Types of Errors, Errors disclosed and not disclosed by Trial Balance, Rectification of Errors after preparation of trial balance and final accounts, use of suspense account.

Bank Reconciliation Statement

Meaning, Need and Preparation of Bank Reconciliation Statement from cash book balance as well as pass book balance.

BUSINESS STUDIES & MANAGEMENT (BSM)

FIRST YEAR

2nd Elective (Compulsory)

Paper -1

Objectives

> To acquaint students with the dynamic nature and inter-dependent aspects of business;
> To develop an interest in the theory and practice of business, trade and industry;
> To help students learn about various forms of business organizations;
> To develop ideas of students about concept, functions and features of internal trade;
> To acquaint students with the concept, process and trends of international trade along with business services;

Course Inputs

Unit-I Nature, Purpose and Forms of Business Organization

Nature and Purpose of Business

Meaning, Characteristics, objectives, Requisites of successful business, Classification of Business activities - Industry, Commerce, Trade and Aids to trade and Business Risk Concept

Forms of Business Organizations

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Sole Proprietorship: Concept, Importance and Limitations, Partnership: Concept. Types, Importance and Limitations of partnership, Registration of a Partnership Firm, Concept of Partnership Deed and its contents

Unit-II Company, Co-operative Society, Public, Private and Global Enterprises

Company (As per Companies Act, 2013) - Concept, Merits and Limitations; Types, private and Public concept, Distinction between a Public and Private Company, Formation of Company - Stages, Important Documents (Memorandum of Association, Articles of Association, Certificate of Incorporation and Commencement).

Co-operative Society: Meaning, Characteristics, Advantages, and Disadvantages

Public, Private and Global Enterprises: Concept of Public & Private Sector enterprises, Changing Role of Public Sector enterprises, Forms of Public Sector Enterprises (Departmental Undertakings, Statutory Corporation and Government Company), Concept of Global Enterprise, Joint Ventures and Public Private Partnership (PPP).

Unit - III Internal Trade

Wholesalers- Meaning, Characteristics, Functions & Types

Retailer-meaning, Characteristics and Functions, Types of Retailers, Itinerant retailer, small Independent Retailers, Large Scale Retail Organizations- Departmental Stores, Multiple Shop, Mail Order Business, Super Market, Network Marketing, E- marketing, Service of Retailers to Wholesaler and Consumers, Distinction Between Wholesaler and Retailer.

Unit - IV International Trade & Business Services

International Trade: Meaning, Nature, Importance & Limitations of International Trade Distinction between Internal and International Trade, Export Procedure- Enquiry, Receipt of order, Clearnce for export, Foreign Exchanges Formalities, Exchange rate, Shipping order Invoice, Shipment of goods and Securing Payment, Import Procedure- Permission to Import, Indent, Letter of Credit, Custom Formalities, Clearing Goods, Making Payment and Closing Transactions.

Ware Housing: Meaning & Functions

Transportation: Importance of Railway, Air & Water ways.

BUSINESS MATHEMATICS AND STATISTICS

FIRST YEAR

PAPER-1

Objectives

> To enable the students to learn basic concepts of Profit & Loss with their applications;

> To learn the concept, features, types of partnership and calculation of Profit sharing ratios;

> To develop an understanding about concept, properties, laws of logarithmic operations;

> To enable the students to learn the concept of simple & compound interest along with their calculation;

> To help the students in learning the concept of Annuity, Bills of Exchange and stock & Share;

> To provide a conceptual clarity about statistical framework and survey; and

> To enable the students to understand the concept of data, process of data collection, classification & tabulation of data;

Course Inputs

Unit-I Business Arithmetic:

i) **Profit and Loss:** Concept, Calculation of Selling Price, Cost Price, Profit or Loss percentage, Concept & Types of Price, Discount.

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ii) **Partnership:** Concept, Characteristics, important terms, types of partnership, calculation of Profit Sharing Ratio.

iii) **Logarithm:** Concept, Features, Properties, types & methods of Logarithm, Laws of Logarithmic Operation, Determination of Log & Antilog under the common logarithm system, interpolation of logarithms, Methods of Logarithm.

iv) **Simple & Compound Interest:** Concept, Types, Calculation of simple interest, Concept & features of Compound Interest and calculation of compound interest. (Simple problems only).

Unit-II Business Arithmetic

i) **Annuity:** Concept, Types, special application of annuity, techniques of calculation of Annuity Problems (Future value & Present value of Annuity), Sinking Fund, Loan, overdraft or borrowings.

ii) **Discounting of Bills of Exchange:** Concept, Features, Types of Bills of Exchange, Important terms (Demand Bill, Time Bill, Terms of Bills, Days of Grace, Bill Value, Discounted Period, Banker's Discount, Discounted Value, Present Value, True Discount, Banker's Gain.

iii) **Stock & Share:** Concept, Features, Classification of Stock and Shares, Share Vs Stock, calculation of Dividend, Yield, income, cost of investment, Nominal and Market value of Shares, ex-dividend and cum dividend price of a share.

Unit-III Business Statistics:

i) Conceptual Framework of Statistics: Meaning, Definition, Origin & Growth

ii) Characteristics, Scope & functions of Statistics

iii) Relationship of Statistics with other fields.

iv) Statistical Survey: meaning and its steps

Unit-IV Business Statistics:

i) Data: Types of Data - Primary and Secondary Data

ii) Methods of Collection of Primary & Secondary data . .

iii) Classification of Data and Tabulation of Data

BANKING & INSURANCE

+2 1st Year Commerce

4th ELECTIVE (Paper -I)

Objectives:

- To Provide students an understanding of the Concept, functions, types and role of commercial bank with their credit creation policy;
- To help the students in learning functions of commercial bank and methods of credit control;
- To enable students to learn the concept and types of innovative banking;
- To make the students able to know the concept, functions, types and principles of Insurance;
- To help students understand the concept, importance, process of effecting a life insurance policy along with its types;
- To enable the students to learn the concepts of various types of insurance like Marine, Fidelity, Crops, Motor and Credit Insurance.

Course Inputs:

Unit-I: Commercial Banking :

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Meaning and Functions of Commercial Banks, Types of Commercial Banks, Income Statement and Balance Sheet of a Commercial Bank, Credit Creation, Portfolio Management and Nationalization of Commercial Banks, Role of Commercial Banks in a Developing Economy.

Unit-II: Central Banking :

Central Bank - Functions, Methods of Credit Control, Quantitative Control, Bank Rate, Open Market Operations, Cash Reserve ratio and Selective control.

Innovative Banking - Merchant banking, Consortium Approach, Credit Card Facilities, On-Line Banking, Telephone Banking, Internet Banking, ATM cum Debit Card, E-Banking and Social Responsibilities of Banks.

Unit-III: Introduction to Insurance:

Risk - Its classification and how to deal with it, **Insurance**- Meaning, Definition and Mechanism of Insurance, Functions of Insurance, Basic Concepts, Double Insurance, Re-insurance, Co-insurance, Insurance Market, Insurance Contract, Contingent Contract, Wagering Contract, Fundamental Principles of Insurance Contract, Insurance Act and Role of IRDA.

Unit-IV: Life Insurance & Other Insurances:

Life Insurance - Element of protection and investment, Importance of Life Insurance, Procedure of effecting a Life policy, premium computation including Mortality table, various Policy conditions, Settlement of Claims, Types of life Insurance policies- On the basis of duration and number of life covered, Concepts of Fire Insurance, Marine Insurance, Fidelity Insurance, Crops Insurance, Motor Insurance and Credit Insurance.

FUNDAMENTALS OF ENTREPRENEURSHIP

FIRST YEAR

4TH ELECTIVE (PAPER-1)

Objectives

> To provide students an understanding of the Concept, types, essential qualities of an entrepreneur and the factors affecting the entrepreneurial growth process;

> To help the students in learning various types of business enterprises, their features, benefits, problems encountered;

> To enable students to learn the process of identifying entrepreneurial opportunities and selecting enterprises;

> To make the students able to know the need for institutional support and specialized institutions providing such support in the market; and

> To help students understand the need of developing entrepreneurial competencies, Entrepreneurship Development Programme and their objectives;

Course Inputs

UNIT-I

Entrepreneur : Meaning and definition, the charms of being an Entrepreneur, Essential Qualities of an Entrepreneur, Factors Affecting Entrepreneurial Growth : Economic Factors, Non Economic Factors and Government Policy, Types of Entrepreneurs- large, small.

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UNIT-II

Selection of Enterprise:

i) Types of Enterprises: Micro, Small, Medium and Large Enterprise- Meaning and Characteristics, Benefits and Problems of Micro and Small Enterprises.

ii) Entrepreneurial Opportunities and Selection of Enterprise, Identification of Entrepreneurial Opportunities, steps in the setting up of an Enterprise.

UNIT-III

Institutional Support of Entrepreneurs:

Need for institutional Support, Areas of Support from the following specialized Institutions: SIDBI, SIDO, SISI, NSIC, FIEO, SFCS, IPICOL, APICOL, IDCO and DIC.

UNIT-IV

Developing Entrepreneurial Competencies:

Meaning of Entrepreneurial Competency, Need for Developing Competencies, Entrepreneurship Development Programme: Needs and Objectives, Major institutions conducting EDPs.

SALESMANSHIP

1st Year

4th ELECTIVE (Paper -I)

Objectives :

- To enable students to understand the concept, nature, scope, importance of sales man ship;
- To help the students to know various types of salesman, sales personality, qualities required for a good salesman etc;
- To enable students to get product knowledge, learn about buying motive with the process of selling;
- To acquaint the students with the concept, methods, importance, limitations of recruitment and traning along with their methods;
- To make the students able to understand concept, objective and types of sales promotion and advertising;

Course Inputs :

Unit-I : Introduction :

Salesmanship - Definition, Meaning, Nature, Art or Science or profession, Importance and Scope of Salesmanship, Salesmen - Type of Salesman, Sales personality, Quality of Good Salesman - Physical, Mental, Social and Character Traits, Improving sales personality.

Unit-II : Knowledge of product, Customers and selling process :

Knowledge of Product - Importance, Selling points, Sources of product knowledge, Buying Motive- Meaning and Classification, Distinction between buying motives and selling points. Types of Customers and How to deal with them, Selling Process : Process, Pre-approach, Approach, presentation and Demonstration, Overcoming Objection, Closing the Sale.

Unit-III : Recruitment, Training and Remuneration of Salesman :

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Recruitment, Importance of Sound Recruitment, Sources of recruitment, Selection Procedure, Training Need, Limitation, Methods, Requisite for Effective training, Remuneration Factors affecting Remuneration and Methods of Remuneration.

Unit-IV : Sales Promotion :

Sales Promotion - Objective and Measures, Advertising - Meaning, Functions Criticism, Types of Advertising, Media of Advertising and Advertising Agencies, Role of Advertising in Today's World.

INFORMATION TECHNOLOGY

+2 1st Year

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(sram, dram), rom(prom, eprom, eeprom), registers.

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 applicaton (word processor, spreadshet 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

Open source software, common foss/floss(gnu/linux, firefox, openoffice, java, netbeans, mysql), common open standards (www, html, xml, dhtml), indian language computing, character coding, unicode, different types of fonts (open

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type versus true type, static vs dynamic), entering language text (phonetic & key map based).

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 coponents (label, text field, text area, button, checkbox, radio button) deloping general application, getting familiar with java swing user interface components (frame, dialog, option pane, penal, 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-wile, for)

III) Programming guidelines : [10 periods] ..... 04 marks

General concepts, modular approach, running and debuging programs, (syntax errors, runtime error, logical errors), problem solving procedures (understanding the problem, identifying minimum number of inputs required for output, breaking down problem into simple logical steps)

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), Examples of common database management tools for mobile devices.

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 predence), Defining & using column alias, eliminating deplicate values from display using Distinct keyword, Limiting rows during selection using where clause using comparison operator (=, <, >, <=, >=, <>, BETWEEN, IN, LIKE (%)), and using Logical operators (AND, OR, NOT & correcting logical operator precedence).

Unit -4 : IT APPLICATIONS : [7 periods] ..... 5 marks

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I) E-GOVERNANCE : [4periods] ..... 3 marks

Defination, Benefit to citizens, its web sites & its social impact, e-governance challenges

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 solva 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 quires on any database.

d) Viva Voce :

Swing Control Methods & Properties :

Class :	Jbutton
Swing control :	JButton
Methods :	get Text (), set Text ()
Propeties :	Background, Enabled, Font, Foreground, Text, Label
Calss :	Jlabel
Swing control :	JLabel
Methods :	get Text (), set Text ()
Propeties :	Background, Enabled, Font, Foreground, Text
Class :	Jtext Field
Swing control :	j Text Field
Methods :	get Text (), isEditable (), set Text ()
Propeties :	Backgroud, Editable Enabled, Font, Foreground, Text
Class :	Jradio Button

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

Commonly used Methods :

Class	**Methods**
Integer	ParseInt (), to Double(), to String()
String	Concat (), length (), substring (), to Double (),

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

Database Connectivity Methods :

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

ACCOUNTANCY

SECOND YEAR

1st Elective (Compulsory)

Paper - II

Objectives:

- To enable the students to understand and analyze the financial Statements of Profit & Non-Profit Making Organizations.
- To help the students in understanding the concepts and applications of depreciation
- To develop an understanding about Accounting from Incomplete Records and its application;
- To help the students in learning the process of accounting for reconstitution and dissolution of partnership firms; and
- To help students understand the concept of accounting for companies specially about issue of shares and debentures;

Course Inputs:

Unit-I Financial Statements of Sole Trade and Not for Profit Organizations:

Sole Trade form of Organization

Meaning, objectives and importance of preparing Trading, Profit and Loss Account and Balance sheet, Preparation of Trading, Profit and Loss and Balance Sheet of sole trader without and with adjustments relating to closing stock, outstanding expenses, prepaid expenses, accrued income, income received in advance, depreciation and bad debts, provision for doubtful debts, provision for discount on debtor, creditor, manager's commission, goods distributed as free samples and goods taken by the owner for personal use, abnormal loss, interest on capital and drawings.

Not for Profit organizations:

Meaning, objectives, necessity, treatment of some important items such as legacy, donations, entrance fees, life membership fees, sale of assets, sale of old news paper, subscription, endowment fund, honorarium, expenses relating to a specific fund, Receipts and Payments Accounts: meaning, features, differences between Receipts and Payments Account and Cash Book, Income and Expenditure Accounts:

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meaning, features, difference between Income and Expenditure account and Profit and Loss account, Preparation of Income and Expenditure Account and Closing Balance Sheet.

Unit-II Accounting for Depreciation and from Incomplete Records (Single Entry System)

Depreciation:

Meaning, need, causes, objectives and characteristics of depreciation, Methods of Charging Depreciation- Simple depreciation method and provision for depreciation method, Method of calculating depreciation: Straight Line and Written down Value method

Accounting from Incomplete Records (Single Entry System)

Meaning, characteristics and limitations of single entry system, Difference between single entry and double entry system, Difference between balance sheet and statement of affairs, Ascertainment of profit and loss by the statement of affairs method only.

Unit - III Accounting for Partnership Firm :

Meaning, Features, Partnership Deed and Provisions of Partnership act 1932 in the absence of partnership deed, Fixed vs. Fluctuating Capital accounts, preparation of Profit and Loss Appropriation A/c.

Goodwill - Meaning, nature and Factors affecting Goodwill, Methods of Valuation of Goodwill (Average profit, super profit method and capitalization method).

Reconstitution of partnership firm - Meaning, Circumstances Leading to Reconstitution Change in Profit Sharing Ratio, Sacrificing Ratio, Gaining Ratio, Accounting for revaluation of assets and liabilities and distribution of reserves and accumulated profits and loss.

Admission of a Partner - Simple Problems without Adjustment of Capital

Unit - IV Accounting for Companies :

Accounting for Share Capital :

Shares and share capital: Nature and types as per Companies Act, 2013.

Issue of Shares at par, Premium and Discount, Calls in Advance, Calls in Arrear over subscription and under subscription of shares, Accounting for Forfeiture of Shares and re-issue of shares, Disclosure of share capital in companies' balance sheet (Vertical Format).

Accounting for Debenture :

Issue of debentures at par, at premium and at discount and Issue of debentures for consideration other than cash.

Unit - V Project Work with Viva:

Suggested Areas for Project Work:

- Collection of source documents, preparation of vouchers, recording of transactions with the help of vouchers;
- Preparation of Bank Reconciliation Statement with the given cash book and the pass book with ten to fifteen transactions;
- Comprehensive project starting with journal entries regarding any sole proprietorship business, posting them to the ledger and preparation of Trial balance; The students will then prepare Trading and Profit and Loss Account and Balance Sheet on the basis of the prepared trial balance. Expenses, incomes and profit (loss), assets and liabilities are to be depicted using pie chart/bar diagram.

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BUSINESS STUDIES & MANAGEMENT (BSM)

SECOND YEAR

2nd Elective (Compulsory)

Paper - II

Objectives :

- To provide students an understanding of the Concept, features, objectives, importance & functions of Management;
- To help the students in learning the principles & Techniques of Management;
- To develop students with an understanding of Financial Markets with its types & functions;
- To acquaint students with concept, objectives and functions of marketing management;
- To enable students to act more effectively and responsibly as consumers, employers, employees and citizens after learning the concept and features of consumer protection act;

Course Inputs :

Unit-I Nature, Significance & Functions of Management :

Management - Meaning, Features, Objectives & Importance, Management as a Science, Art & profession : Levels of Management, Management Functions- Meaning, Features & Importance of planning, Organizing, Staffing, Directing and Controlling.

Unit - II Principles of Management and Business Environment :

Principles of Management - Concept and Significance of Management, Fayol's Principles of Management, Taylor's Scientific Management - Principles & Techniques.

Business Environment - Meaning, Importance and Dimensions, Concept and Features of Liberalization, privatization and Globalization in India.

Unit - III Financial Markets and Marketing Management :

Financial Markets

Financial Markets - Concept, Functions and Types, Money Market and its instruments, Capital Market, Meaning, kinds of Capital Market - Primary & Secondary, stock Exchange - Concept & Functions, Securities and Exchange Board of India (SEBI)- Objectives and Importance.

Marketing Management :

Marketing Management, Marketing Concept and Objectives, Distinction between Marketing and Selling, Marketing Functions, Marketing Mix - Concept and Elements, product- product Mix, branding, labeling and packaging, price : Concept & factors determining price, physical Distribution: Concept, components, Channels of Distribution: Types and promotion: Concept & Elements - Advertising: Meaning Role & Limitations, Personal Selling : Concept & qualities of a good salesman, Sales promotion: Concept & Techniques & Public Relation: Concept and Role

Unit - IV Consumer Protection :

Consumer Protection : Concept and Importance, Consumer Protection Act 1986: Meaning of consumer and consumer protection, Rights and Responsibilities of customers, process of filing complain, Grievance redressal mechanism and remedies available, Consumer Awareness: Role of consumer Organizations and Non-Government Organizations (NGOs).

Unit - V Project work and Viva

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Suggested outlines of Project Work

Students may develop a Case Study or Project Work on the following lines :

- Changes made over the last few years on mode of packaging and its impact on economy;
  For Example, Milk being supplied in glass bottles, later in plastic bags, now in tetra pack, Selling products at the Wholesale and Retail Outlet to Shopping Mall & On line Shopping etc.
- Effect of change in environment on the types of goods and service; For Example, Washing Machine, Micro Waves, Mixers and Grinders.
- Application of Principles of Management advocated by Fayol and Scientific Management
  Techniques developed by F.W.Taylor with various case studies i.e. on Departmental Store, Industrial Unit, and a fast food outlet etc.
- Develop a brief report on history of stock exchange in India, Prepare a list of at least 25 complanies listed on a Stock Exchange
- Project Report on various types of products, services identified with their process, Brand name and the product, range of the product, identification mark or logo, Tagline, Labeling and packaging, price of the product and basis of price fixation, Selected channels of distribution and reasons there of decisions related to transportation and warehousing with reasons, promotional techniques used and starting reasons for deciding the particular technique etc.

BUSINESS MATHEMATICS AND STATISTICS

SECOND YEAR

Paper - II

Objectives :

- To enable the students to learn basic concepts of determinants & Matrices;
- To learn the concept, features, types of Set Theory;
- To develop an understanding about concept, relations, types and application of functions;
- To enable the students to learn the concept, methods and applications of Limit, continuity, Derivation and Integration;
- To help the students in learning the concept, types and calculation of Average; and
- To enable the students to understand the concept, objectives, features and applications of measures of dispersion;

Course Inputs :

Unit-I Business Mathematics:

Determinants - Upto third order, Minors, Co-factors, properties and Cramer's rule

Matrices: Meaning, Definition, Types, Algebra of matrices, Solving Linear Equation Problems through Matrics.

Set Theory: Meaning, Definition, Types and Operations (Union & Intersection)

Functions: Meaning and Relations of Functions, Types of Functions and Classification of Functions (excluding Trigonometric Functions)

Unit -II Calculus :

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Calculus - I Limit & Continuity - Meaning, Definition, Methods of Finding Limits, Differentiation

Calculus - II Integration up to substitution

Unit-III Measure of Central Tendency :

Meaning, Objectives, Types of Averages (Mathematical & Positional Averages)

Mathematical Averages : AM, GM, HM (Simple & Weighted)

Positional Averages : Median, Mode, Quartile, Deciles and Percentiles

Relationship of AM, GM, HM, Median, Mode

Unit - IV Measure of Dispersion :

Meaning, Objectives, Characteristics of dispersion, Measures of Dispersion, (Absolute and Relative) Positional Dispersion : Range, Inter Quartile Range, Quartile Deviation.

Mathematical Dispersion : Mean Deviation, Standard Deviation & Co-efficient of variation.

Unit-V Project work and viva

Suggested outline for Project Work

- Case study on Application of Matrix for solving real life business problems.
- Report on concept and Rules regarding Matrix, Determining, inverse of a matrix by using Elementary Operation Methods and Co-factor Method.
- Find out the Averages (Mean, Median and Mode) by taking sample from Number of studentsfrom any class and Marks secured by them in their annual extion as two variables.
- Calculate the Mean or Average deviation and co-efficient of Variation form Mean / Median / Mode from by taking example of Life Time in No. of years of two different T.V. sets namely Model A and Model B to find out the average life of each model of these TV and the model having greater uniformly or variability.
- Calculating Standard Deviation and its co-efficient alongwith its coefficient of variation form the data relating to the Profit or Loss made by Engineering Cmpanies in Odish during the year 201-15.

COST ACCOUNTING

+2 SECOND YEAR

4th Elective (Paper - I)

Objectives :

- To enable students to understand the concept, evolution, objectives, nature of cost accounting with classification of costs, techniques of costing and elements of cost;
- To help the students in preparing cost sheets;
- To enable students to learn the concept, essentials, types of Material Control, Purchasing Procedure and tecηniques adopted for purchasing and stores control;
- To acquaint the students with the Labour and Labour Accounting procedure along with the applications of incentive schemes;
- To make the students able to understand concept, classification, allocation & apportionment of overhead; and
- To help the students to learn the process of primary and Seχondary Distribution of overheads with applications of direct labour hour rate method, Machine Hour Rate method;

Course Inputs :

Unit-I Introduction to Cost Accounting :

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Cost Accounting - Concept, Evolution, Objectives, Nature and Scope, Advantages and Limitations of Cost Accounting, Cost Accounting Vs Financial Accounting, Cost Unit, Cost Centre, Classification of Cost, Methods of Costing, Costing Techniques, Installation of a Costing System, Elements of Cost and preparation of Cost Sheet. (Excluding Tender & Quotation)

Unit-II Material :

Material - Concept, Classfication of Material, Purchase of material: Importance of purchase, Six R's principle, Centralized & Decentralized purchasing, Functions of purchase Department and Procedure of purchasing, Storing of Material: Need for storing, stores Organization, Stores Records : Bin Card, Stores Ledger, Physical Stock Taking, Periodical Stock Taking and Perpetual Inventory System, Pricing of Issue of Materials (FIFO, Weighted Average Methods as per AS-2), Control of Material- Meaning- Need for material control - Techniques of Inventory Control- EOQ, Stock level, ABC Analysis, VED Analysis, Stock Turnover ratio, Material Loss : Concept and Types.

Unit -III Labour :

Labour - Meaning & Definition, Classification, Characteristics of Ideal Wage System- Time Rate, Piece rate

Labour Accounting - Time keeping, Time Booking- idle Time-Overtime-Casual Worker & Out Worker

Labour Turnover - Meaning, Causes, Effects and Remedial Measures

Incentive Plans - Halsey premium, Halsey & weir, Rowan Premium plan.

Unit-IV Overheads :

Overhead - Meaning, Definition, Classification, Codification, Collection and Departmentalization of Overhead through Allocation and Apportionment, Principles of Apportionment, Bases of Apportionment, Primary Distribution Summary and Secondary Distribution Summary.

Absorption of overhead- Overhead Rate, Methods of absorption of production Overhead-production Unit Method, Percentage on Direct Material, Percentage on Direct Labour, Percentage on Prime Cost, Direct labour Hour Method and Machine Hour Rate Method, Under/Over Absorption of Overhead Meaning, Causes.

Unit-V Project Work and Viva :

Suggested outlines of Project Work :

- Prepare a statement of cost for a manufacturing concern
- Preparation of Stores Ledger Account under FIFO and LIFO method
- Preparation of Stores Ledger Account under Average Cost method
- Prepare a statement of Labour Cost and calculate labour cost per day
- Calculate the total earnings of several workers in an organization under different incentive schemes
- Apportion the cost of service department on production departments
- Compute a machine hour rate so as to cover the overhead expenses of any organization

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FUNDAMENTALS OF MANAGEMENT ACCOUNTING

+2 SECOND YEAR

4th Elective (Paper - II)

Objectives :

- To provide students an understanding of the Concept, objectives, importance, limitations of Management Accounting;
- To help the students in learning concept, types, objectives and importance of financial statements along with its analysis;
- To enable students to learn the process of ratio analysis with its significance;
- To make the students able to know the concept and applications of Working Capital, and
- To help the students the concept, objectives and process of preparation of Cash Flow Statement;

Course Inputs :

Unit-I Introduction :

Meaning, Objectives, Nature & Scope-Functions, Importance & Limitations of Management Accounting, Cost Accounting Vs Management Accounting, Difference between Management Accounting and Financial Accounting, Role of Management Accountant.

Unit-II Analysis of Financial Statement :

Financial Statement: Meaning, nature, objectives and types of financial statements - Importance and limitations of financial statement (Statement of Profit & Loss, Balance Sheet and Cash Flow Statement)

Financial Statement Analysis : Meaning, Objective, Importance, Limitations and its types- Techniques or Device of Financial Analysis - Comparative Statement, Common-size Statement, Trend Analysis

Unit-III Ratio Analysis :

Ratio Analysis : Meaning and Utility of Ratio - Significance & Limitations of Ratio Analysis, Classification of Ratios - Calculation of Different Ratios : Liquidity Ratios (Current ratios, Acid Test Ratio, Absolute Liquid ratio), Activity Ratios : (Stock Turnover, Debtor Turnover, Creditor Turnover, Working Capital Turnover), Profitability Ratios (Gross Profit Ratios, Net Profit Ratio, Return on Investment, Return on Capital Employed).

Unit-IV Working Capital Management & Cash Flow Statements :

Working Capital Management : Meaning, Need, Concept, Classification of Working Capital- Sources of Working Capital- Determinants of Working Capital, Computation of Working Capital for Trading Concern.

Cash Flow Statement : Meaning, Objectives, Transactions affecting Cash Flow Statement, Transactions not affecting cash flow statement, Difference between Cash Flow Statement & Funds Flow Statement, Process of Preparing Cash Flow Statement as per AS- 3.

Unit -IV Project work and Viva :

Suggested outlines of Project Work

- Prepare a financial Statement of any undertaking (Statement of profit & loss, balance Sheet and Cash flow statement)
- Make a project report on Financial Statement Analysis of any undertaking.
- Calculation of different Ratios and making Ratio Analysis of any Enterprise and prepare a report.
- Prepare a report by determining the requirement of working capital for any Trading Concern.
- Prepare a Cash Flow Statement along with its analysis for any organization as per AS - 3.

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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 function, Type of Network (LAN, MAN, WAN, PAN) Network Topologies (Star, Ring, Bus, Tree), Communication, Media, wired Technologies [Co exial, Ethernet cable, optical fiber] Wireless Technologies [Bluetooth, Infrared, Microwave, Radio Link, Satellite link]

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, E-mail, 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 cookied, Firewall, use of digital signature, cyber crimes [Hacking, on-line fraud, pornography, snooping, spooling, cyber stalking, software piracy] cyber laws.

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 ()], Accessing MY SQL database using ODBC, JDBC to connect with database.

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, Creating & Accessing static & dynamic pages using HTML, DHTML & introduction to XML.

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, displaying data from multiple tables [Cartesian product, union, concept of foreign key, equi-join].

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

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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(), TRUNCATEC()], Date & time functions [CURDATE(), DATE(), MONTH(), DAYOSMONTH(), 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.

ii) Front-end Interface :

Introduction, content & features, identifying validation & display (text Box, Radio Button, check box, list etc.)

iii) Front-end & data base connectivity :

Introduction, requirement & benefits

iv) Back - end database :

Introduction & its purpose, exploring the requirement of table & its essential attributes.

v) Development of database : Demonstrator & development of appropriate front - end interface & back - end interface database for e - governance applications.

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 & data base connectivity.

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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

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Question paper design (For Theory)

+2 1st yr

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

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 1 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

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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

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