

## **PROPOSED ACADEMIC CALENDER 2023-24**

**Summer Vacation : 21 May,2023 to 02 July,2023**

**Winter Vacation : 24 December,2023 to 01 January,2024**

	<b>XI-XII</b>
<b>UNIT I P.T. I EVALUATION I</b>	<b>16-05-2023 TO 27-05-2023</b>
<b>P.T. II</b>	
<b>TERM I EVALUATION II</b>	<b>09-09-2023 TO 25-09-2023</b>
<b>P.T. III</b>	
<b>II UNIT P.B.-I P.T.-II (I-VIII)</b>	<b>18-11-2023 TO 02-12-2023</b>
<b>PRE ANNUAL P.B.-II</b>	<b>23-12-2023 TO 06-01-2024</b>
<b>TERM II FINAL</b>	<b>AS PER SAHODAYA/CBSE BOARD</b>

# SYLLABUS FOR SESSION 2023-2024

**CLASS - XI**

**ENGLISH (301)**

**Term-I**

**Section-A**

## **Reading Skills**

Reading Comprehension through Unseen Passage :  
(18 marks)

- One unseen passage to assess comprehension, interpretation inference and vocabulary. The passage may be factual, descriptive or literary.
- One unseen case-based passage with verbal/visual inputs like statistical data, charts etc.

**Note :** The combined word limit for both the passages will be 600-750.

Multiple Choice Questions / Objective Type Questions will be asked. (10+8=18 marks)

- Note Making and Summarization based on a passage of approximately 200-250 words.

- Note Making : 5 marks

- Title : 1

- Numbering and Indenting : 1

- Key/glossary : 1

- Notes : 2

- (ii) Summary (upto 50 words) : 3 marks

- Content : 2

- Expression : 1

### **Section-B**

Grammar. (7 marks)

- Questions on gap filling (Tenses clauses)
- Questions on reordering transformation of sentence  
(Total 7 questions to be done out of 8 given)

Creative Writing Skills. (16 marks)

- (i) Short Writing task – Classified Advertisement up to 50 words. One out of the two given questions to be answered. (3 Marks : Format : 1 / Content : 1 / Expression : 1)
- Short Writing task – Poster up to 50 words. One out of the two given questions to be answered. (3 marks : Format : 1 / Content : 1 / Expression : 1)
  - Writing a speech in 120-150 words based on verbal / visual cues related to some contemporary / age-appropriate topic.
  - Writing a Debate used on visual/verbal inputs in 120-150 words. The theme should be contemporary topical issues. One out of the two given questions to be answered. (5 marks : Format : 1 / Content : 2 / Expression : 2)

### **Section-C**

This section will have variety of assessment items including multiple choice questions, objective type question, short type questions and long answer type question to assess comprehension, analysis, interpretation and extrapolation beyond the text.

**Hornbill :**

- The Portrait of a Lady (Prose)

- A Photograph (Poem)
- "We're Not Afraid to Die... if we can be together"
- Discovering Tut : the Saga Continues
- The Laburnum Top (Poem)
- The Voice of the Rain (Poem).

#### Snapshots

- The Summer of the Beautiful White Horse (Prose)
- The Address (Prose)
- Mother's Day

### Term-II Section-A

#### Reading Skills

Reading Comprehension through Unseen Passage :

(18 marks)

- One unseen passage to assess comprehension, interpretation inference and vocabulary. The passage may be factual, descriptive or literary.
- One unseen case-based passage with verbal/visual inputs like statistical data, charts etc.

**Note :** The combined word limit for both the passages will be 600-750.

Multiple Choice Questions / Objective Type Questions will be asked. (10+8=18 marks)

- Note Making and Summarization based on a passage of approximately 200-250 words.
- Note Making : 5 marks
  - \* Title : 1
  - \* Numbering and indenting : 1

- \* Key/glossary : 1
- \* Notes : 2
- (ii) Summary (upto 50 words) : 3 marks
  - \* Content : 2
  - \* Expression : 1

### **Section-B**

Grammar. (7 marks)

- Questions on gap filling (Tenses clauses)
- Questions on reordering transformation of sentence  
(Total 7 questions to be done out of 8 given)

Creative Writing Skills. (16 marks)

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- Writing a speech in 120-150 words based on verbal / visual cues related to some contemporary / age-appropriate topic.
- Writing a Debate used on visual/verbal inputs in 120-150 words. The theme should be contemporary topical issues. One out of the two given questions to be answered. (5 marks : Format : 1 / Content : 2 / Expression : 2)

### **Section-C**

This section will have variety of assessment items including multiple choice questions, objective type

question, short type questions and long answer type question to assess comprehension, analysis, interpretation and extrapolation beyond the text.

**1. Hornbill :**

- Childhood (Poem)
- The Adventure
- Silk Road (Prose)
- Father to Son (Poem)

**2. Snapshots :**

- Birth (Prose)
- The Tale of Melon City (Poem)

**Distribution of Marks**

Theory	: 80 marks
Speaking Skills Assessment	: 5 marks
Listening Skills Assessment	: 5 marks
Project	: 10 marks
<b>Total</b>	<b>: 100 marks</b>

**PHYSICS**

**Term-I**

1. Units and Measurements
2. Motion in A Straight Line
3. Motion in a Plane
4. Laws of Motion
5. Work, Energy And Power
6. System of Particles and Rotational Motion
7. Gravitation

**Term-II**

8. Mechanical Properties of Solids
9. Mechanical Properties of Fluids
10. Thermal Properties of Matter
11. Thermodynamics
12. Kinetic Energy
13. Oscillations
14. Waves

**CHEMISTRY**

**Term-I**

1. Some basic concept of Chemistry
2. Structure of atom
3. Periodic Classification of Elements
4. Chemical Bonding
5. Organic Chemistry
6. Redox Reaction

**Term-II**

7. Thermodynamics
8. Equilibrium
9. Hydrocarbons

**BIOLOGY (044)**

**Theory : 70**

**Practical : 30**

**Unit-1 (1-4)**

Ch-1 The Living World

Ch-2 Biological Classification

- Ch-3 Plant Kingdom
- Ch-4 Animal Kingdom
- Ch-5 Morphology of Flowering Plants
- Ch-6 Anatomy of Flowering Plants (6.4 deleted)
- Ch-7 Structural Organisation in Animals
- Ch-8 Cell : The Unit of Life
- Ch-9 Biomolecules
- Ch-10 Cell Cycle and Cell Division
- Ch-13 Photosynthesis in higher Plants

**Term-I (1-13)**

- Ch-14 Respiration in Plants
- Ch-15 Plant Growth and Development
- Ch-17 Breathing and Exchange of Gases
- Ch-18 Body Fluids and Circulation
- Ch-19 Excretory Products and their Elimination
- Ch-20 Locomotion and Movement
- Ch-21 Neural Control and Coordination
- Ch-22 Chemical coordination and Integration

**Unit-50 marks, Term-70 marks**

**Final Exam Full Syllabus**

**Practicals**

**A. List of Experiments**

1. Study and describe locally available common flowering plants, from family Solanaceae (Poaceae, Asteraceae or Brassicaceae can be substituted in case of particular geographical location) including dissection and display of floral whorls, anther and ovary to show number of chambers (floral formulae



and floral diagrams), type of root (tap and adventitious); type of stem (herbaceous and woody); leaf (arrangement, shape, venation, simple and compound)

2. Preparation and study of T.S. of dicot and monocot roots and stems (primary).
3. Study of osmosis by potato osmometer.
4. Study of plasmolysis in epidermal peels (e.g. Rhoeo/ lily leaves or fleshy scale leaves of onion bulb).
5. Study of distribution of stomata on the upper and lower surfaces of leaves.
6. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves.
7. Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials.
8. Separation of plant pigments through paper chromatography.
9. Study of the rate of respiration in flower buds/leaf tissue and germinating seeds.
10. Test for presence of urea in urine.
11. Test for presence of sugar in urine.
12. Test for presence of albumin in urine.
13. Test for presence of bile salts in urine.

**B. Study and Observe the following (spotting) :**

1. Parts of a compound microscope.
2. Specimens/slides/models and identification with reasons – Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen.

3. Virtual specimens/slides/models and identifying features of - Amoeba, Hydra, liverfluke, Ascaris, leech, earthworm, prawn, silkworm, honey bee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit.
4. Mitosis in onion root tip cells and animals cells (grass-hopper) from permanent slides.
5. Different types of inflorescence (cymose and racemose).
6. Human skeleton and different types of joints with the help of virtual images/models only.

## MATHEMATICS

**Book Recommended : A Text Book of Mathematics**  
by NCERT

**Note :** (1) Unit Test Exams will be conducted in between the terminal exams.

(2) General questions related to the topics will be asked in the exams.

### Term-I

Ch-1 Sets

Ch-4 Complex Numbers

Ch-5 Linear Inequalities

Ch-11 Introduction to 3-D Geometry

Ch-2 Relations and Functions

Ch-3 Trigonometric Functions

Ch-6 Permutations and Combinations

Ch-7 Binomial Theorem

Ch-13 Statistics

### **Term-II**

Ch-8 Sequence and Series

Ch-9 Straight Lines

Ch-10 Conic Section

Ch-13 Limits and Derivatives

Ch-14 Probability

### **MARKING SCHEME**

**Theory Examination – 80 marks**

**Internal Assessment – 20 marks**

## **COMPUTER SCIENCE (083)**

### **Term-I**

#### **Unit I : Computer Systems and Organisation**

- Basic Computer Organisation : Introduction to Computer System, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units
- Types of Software : System Software (operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler & interpreter), application software
- Operating System (OS): functions of operating system, OS user interface
- Boolean logic : NOT, AND, OR, NAND, NOR, XOR, truth table, De Morgan's laws and logic circuits
- Number System : Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems.

- Encoding schemes : ASCII, ISCII and UNICODE (UTF8, UTF32)

## **Unit II : Computational Thinking and Programming-1**

- Introduction to problem solving : Steps for problem solving (analysing the problem, developing an algorithm, coding, testing and debugging), representation of algorithm using flow chart and pseudo code, decomposition
- Familiarization with the basics of Python programming : Introduction to Python, Features of Python, executing a simple "hello world" program, execution modes : interactive mode and script mode, Python character set, Python tokens (keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value, use of comments
- Knowledge of data types : Number (integer, floating point, complex), boolean, sequence (string, list, tuple), none, mapping (dictionary), mutable and immutable data types.
- Operators : arithmetic operators, relational operators, logical operators, assignment operator, augmented assignment operators, identity operators (is, is not), membership operators (in, not in).
- Expressions, statement, type conversion & input/output : precedence of operator, expression, evaluation of expression, python statement, type conversion (explicit & implicit conversion), accepting data as input from the console and displaying output
- Errors : syntax errors, logical errors, runtime errors
- Flow of control : introduction, use of indentation, sequential flow, conditional and iterative flow control

- Conditional statements : if, if-else, if-elif-else, flowcharts, simple programs : e.g. absolute value, sort 3 numbers and divisibility of a number
- Iterative statements : for loop, range function, while loop, flowcharts, break and continue statements, nested loops, suggested programs : generating pattern, summation of series, finding the factorial of a positive number etc.
- Strings : Introduction, indexing, string operations (concatenation, repetition, membership & slicing), traversing a string using loops, built-in functions : len(), capitalize(), lower(), upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(), rstrip(), strip(), replace(), join(), partition(), split()

### Term-II

#### Unit II : Computational Thinking and Programming-1

- Lists : Introduction, indexing, list operations (concatenation, repetition, membership & slicing), traversing a list using loops, built-in functions : len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(); nested lists, suggested programs : finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list.
- Tuples : Introduction, indexing, tuple operations (concatenation, repetition, membership & slicing), built-in functions : len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment,

nested tuple, suggested programs : finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple.

- Dictionary : Introduction, accessing items in a dictionary using keys, mutability of dictionary (adding a new item, modifying an existing item), traversing a dictionary, built-in functions : len(), dict(), keys(), values(), items(), get(), update(), del(), clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), count(), sorted(), copy(); suggested programs : count the number of times a character appears in a given string using a dictionary, create a dictionary with names of employees, their salary and access them.
- Introduction to Python modules : Importing module using 'import' and using from statement, Importing math module (pi, e, sqrt, ceil, floor, pow, fabs, sin, cos, tan); random module (random, randint, randrange), statistics module (mean, median, mode)

### **Unit III : Society, Law and Ethics**

- Digital Footprints
- Digital society and Netizen : net etiquettes, communication etiquettes, social media etiquettes
- Data protection : Intellectual Property Right (copyright, patent, trademark), violation of IPR (plagiarism, copyright, infringement, trademark infringement), open source softwares and licensing (Creative Commons, GPL and Apache)
- Cyber-crime : definition, hacking, eavesdropping,

phishing and fraud emails, ransomware, preventing cyber crime

- Cyber safety : safely browsing the web, identity protection, confidentiality, cyber trolls and bullying.
- Safely accessing web sites : malware, viruses, Trojans, adware
- E-waste management : proper disposal of used electronic gadgets
- Indian Information Technology Act (IT Act)
- Technology & Society : Gender and disability issues while teaching and using computers

## **ACCOUNTANCY**

**Theory : 80 marks; Project Work : 20 marks**

### **Term-I**

1. Introduction to Accounting
2. Basic Accounting Terms
3. Accounting Procedures Rules of Debit and Credit
4. Origin of transactions : Source Documents and Preparation of Vouchers
5. Journal
6. Ledger
7. Special Purpose Books I–Cash Book
8. Special Purpose Books II–Other Books
9. Accounting of Goods and Services Tax (GST)
10. Bank Reconciliation Statement
11. Trial Balance
12. Depreciation
13. Provisions and Reserves

### **Term-II**

1. Theory base of Accounting, Accounting Standards and Indian Accounting Standards (IND-AS)
2. Bases of Accounting
3. Accounting Equation
4. Accounting for Incomplete Records
5. Rectification of Errors
6. Financial Statements of Sole Proprietorship
7. Adjustments in Preparation of Financial Statements

## **BUSINESS STUDIES**

**Theory : 80; Project Work : 20 marks**

**Book Recommended : NCERT**

### **Term-I**

1. Evolution and Fundamentals of Business
2. Forms of Business Organisation
3. Public Private and Global Enterprises
4. Business Services
5. Emerging Modes of Business
6. Social Responsibilities of Business

### **Term-II**

7. Formation of Company
8. Sources of Business Finance
9. Small Business and Entrepreneurship
10. Internal Trade
11. International Business



# **ECONOMICS**

**Theory : 80 marks; Project Work : 20 marks**

## **Term-I**

1. Economics and Economy
2. Central Problems of an economy
3. Consumer equilibrium-utility analysis
4. Consumer equilibrium-indifference curve analysis
5. Theory of Demand
6. Price Elasticity of Demand
7. Concept of Economics and Significance of Statistics in Economics
8. Measures of central tendency (Mean, Median, Mode)
9. Collection of Data
10. Census and Samples Methods of Collection of Data

## **Term-II**

11. Theory of Supply
12. Production function and Returns to a Factor
13. Concepts of Cost
14. Concepts of Revenue
15. Producer's equilibrium
16. Forms of market and price determination under Perfect competition with simple applications
17. Organisation of Data
18. Presentation of Data- Textual and Tabular presentation of data
19. Diagrammatic Presentation of Data-Bar Diagrams and Pie Diagrams

- 20. Frequency Diagrams-Histograms, Polygon and Ogive
- 21. Arithmetic Line Graphic (Time Series Graphs)
- 22. Correlation
- 23. Index Number

## INFORMATICS PRACTICES

### Term-I

#### **Unit 1 : Introduction to Computer System**

- Introduction to computers and computing : evolution of computing devices, components of a computer system and their interconnections, Input/Output devices.
- Computer Memory : Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns.
- Software : purpose and types – system and application software, generic and specific purpose software.

#### **Unit 3 : Database concepts and the Structured Query Language (divided to term-I and II)**

- Structured Query Language : Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL : Creating a database, using database, showing tables using MySQL.
- Data Types : char, varchar, int, float, date, time
- Data Definition Commands : CREATE
- Data Query Commands : SELECT-FROM-WHERE, LIKE, BETWEEN, IN, ORDER BY.

## **Unit 2 : Introduction to Python (divided to term-I and II)**

- Basics of Python Programming, Python interpreter - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators, data types, mutable and immutable data types, statements, expressions, evaluation of expressions, comments, input and output statements, data type conversion, debugging.

## **Unit 3 : Database concepts and the Structured Query Language (divided to term-I and II)**

- Data Definition Commands : DROP, ALTER (Add and Remove primary key, attribute).
- Data Query Commands : SELECT using arithmetic, logical, relational operators and NULL values in queries, Distinct clause Data Manipulation Commands : INSERT, UPDATE, DELETE.
- Database Concepts : Introduction to database concepts and its need, Database Management System, Relational Data Model : Concept of attribute, domain, tuple, relation, candidate key, primary key, alternate key, foreign key.

### **Term-II**

## **Unit 2 : Introduction to Python**

- Control Statements : if-else, for loop.

## **Unit 4 : Introduction to the Emerging Trends**

- Artificial Intelligence, Machine Learning, Natural Language Processing
- Immersive experience (AR, VR), Robotics

- Big data and its characteristics, Internet of Things (IoT), Sensors, Smart Cities
- Cloud Computing and Cloud Services (SaaS, IaaS, PaaS);
- Grid Computing, Block chain technology.

### **Unit 2 : Introduction to Python**

- List operations – creating, initializing, traversing and manipulating lists, list methods and built-in functions :  
len(), list(), append(), extend(), insert(), count(), find(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum()
- Dictionary : concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions :  
len(), dict(), keys(), values(), items(), get(), update(), clear(), del().

## **HINDUSTANI MUSIC VOCAL (034)**

**Theory : 30 marks**

**Practical : 70 marks**

- |               |     |   |
|---------------|-----|---|
| <b>Unit-1</b> | 1.1 | Brief of the following : Nada, Shruti, Swar, Saptak, Thaata, Jati, Laya, Tala |
|               | 1.2 | Brief study of the following : Margi-Desi, Raga                               |
| <b>Unit-2</b> | 2.1 | Brief history of the following : Dhrupad, Khayal and Tarana                   |
| <b>Unit-3</b> | 3.1 | Brief Study of Musical Elements in Natya Shastra                              |
|               | 3.2 | Life Sketch and Contribution of Tansen, V.N. Bhattacharya and V.D. Paluskar   |

**Unit-4** 4.1 Description of prescribed Talas along with Tala Notation with Thah, Dugun and Chaugun

- Teentala

- Ektala

- Chautala

4.2 Knowledge of the structure of Tanpura

**Unit-5** 5.1 Critical study of prescribed Ragas alongwith Recognising Ragas from Phrases of Swaras and elaborating them excluding Raga Jaunpuri.

5.2 • Writing in notation the compositions of prescribed Ragas Bihag.

- Bhim Palasi

- Bhairavi

### **Practical**

1. One Vilambit Khayal with simple elaborations and few tanas in any one of the prescribed Ragas.
2. One Drut Khayal with simple elaborations & few tanas in the following Ragas : Bihag, Bhairavi & Bhimpalasi.
3. One Dhrupad with Dugun in any one of the prescribed Ragas.
4. One Devotional Song.
5. Ability to recognize the prescribed ragas from the phrases of Swaras rendered by the Examiner.
6. Recitation of the Thekas of Teentala, Chautala and Ektala with Thah, Dugun and Chaugun, (Keeping) Tala with hand beats.

## **PHYSICAL EDUCATION**

**Theory : 70 marks**

**Practical : 30 marks**

### **Term-I**

- Unit-1 Changing Trends and Careers in Physical Education
- Unit-2 Olympism Value Education
- Unit-3 Yoga
- Unit-4 Physical Education and Sports for CWSN
- Unit-5 Physical Fitness, Health & Wellness

### **Term-II**

- Unit-6 Test, Measurement and Evaluation
- Unit-7 Fundamentals of Anaotmy, Physiology in Sports
- Unit-8 Fundamentals of Kinesiology and Biomechanics in Sports
- Unit-9 Psychology and Sports
- Unit-10 Training and Doping in Sports

## **PAINTING (049)**

**Theory : 30 marks**

**Time 2 Hrs**

### **History of Indian Art**

- Term-1 Pre-Historic Rock Paintings and Art of Indus Valley  
General Introduction of Art during, Art of Ajanta, Maurayan, Kushan, Shunga and Gupta Period
- Term-2 Temple Sculptures, Bronzes and Artistic Aspects of Indo-Islamic Architecture

## **Practical**

1. Nature and Object Study
2. Painting Composition
3. Portfolio Assessment

## **APPLIED MATHEMATICS**

**Book : APC Books (M.L. Aggarwal)**

**Note :** (1) Unit test exams will be conducted in between the terminal exams.

(2) General questions related to the topics will be asked in the exams.

### **Term-I (April to September)**

Ch-1	Numbers
Ch-2	Indices and Logarithms
Ch-3	Quantitative Aptitude
Ch-4	Mensuration
Ch-5	Sets and Relations
Ch-7	Permutation and Combination
Ch-8	Logical Reasoning
Ch-11	Differentiation
Ch-15	Taxation
Ch-16	Utility Bills
Ch-18	Circle and Parabola

### **Term-II (October to February)**

Ch-6	Sequence and Series
Ch-9	Functions

Ch-10	Limit and Continuity
Ch-12	Probability
Ch-13	Descriptive Statistics
Ch-14	Compound Interest and Annuity
Ch-17	Straight lines

## **FINANCIAL MARKET MANAGEMENT**

**Theory : 60; Practical : 40; Total : 100**

### **Term-I**

#### **FMM**

1. Market and Financial Instruments
2. Primary and Secondary Market
3. Financial Statement Analysis

#### **Employability Skills**

1. Communication Skills
2. Self-Management Skills
3. Information and Communication Technology Skill

### **Term-II**

#### **FMM**

4. Mutual Funds, Products and Features
5. ETFs, Debt and Liquid Funds
6. Taxation and Regulation

#### **Employability Skills**

4. Entrepreneurship Skills
5. Green Skills



# POLITICAL SCIENCE (028)

[Total Marks = 100 (80 + 20)]

## A. Theory

### Part A : Indian Constitution at Work

Units	Contents	Marks
1.	Constitution	12
2.	Election and Representation	10
3.	The Legislature	
4.	The Executive	08
5.	The Judiciary	
6.	Federalism	10
7.	Local Governments	
	<b>Total</b>	<b>40</b>

### Part-B : Political Theory

Unit	Contents	Marks
8.	Political Theory : An Introduction	04
9.	Liberty	10
10.	Equality	
11.	Justice	08
12.	Rights	
13.	Citizenship	10
14.	Nationalism	
15.	Secularism	08
	<b>Total</b>	<b>40</b>

**B. Project Work : 20 marks; Grand Total = 100 Marks**

# PSYCHOLOGY

Theory : 70 marks; Total : 100 marks

## Term-I

- Ch-1 What is Psychology
- Ch-2 Methods of Enquiry in Psychology
- Ch-4 Human Development
- Ch-5 Sensory, Attentional and Perceptual Processes

## Term-II

- Ch-6 Learning
- Ch-7 Human Memory
- Ch-8 Thinking
- Ch-9 Motivation and Emotion

## Practical : 30 marks

The students shall be required to undertake one project and conduct two experiments.

- \* One Project
- \* Two experiments (based on Human Development, Memory, Learning, Motivation)

# PUNJABI

## Term-I

ਲੋਕ ਗੀਤ : ਸੁਹਾਗ, ਘੋੜੀਆਂ, ਸਿੱਠਣੀਆਂ, ਬੋਲੀਆਂ

ਦੰਤ ਕਥਾਵਾਂ : ਪੂਰਨ ਭਗਤ, ਰਾਜਾ ਰਸਾਲੂ, ਦੁੱਲਾ ਭੱਟੀ

ਵਿਆਕਰਨ : ਦਫ਼ਤਰੀ ਸ਼ਬਦਾਵਲੀ, ਮੁਹਾਵਰੇ, ਵੱਖ-ਵੱਖ ਵਿਸ਼ਿਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਸ਼ਬਦਾਵਲੀ, ਸੰਪਾਦਕੀ ਪੱਤਰ, ਬੈਂਕ, ਰੇਲਵੇ, ਡਾਕ ਨਾਲ ਸੰਬੰਧਿਤ ਵਾਕ, ਇਸਤਿਹਾਰ, ਸੱਦਾ ਪੱਤਰ, ਅਣਡਿੱਠਾ ਪੈਰਾ

### Term-II

ਲੋਕ ਗੀਤ : ਟੱਪਾ, ਬੁਝਾਰਤਾਂ, ਢੋਲਾ, ਮਾਹੀਆ

ਪ੍ਰੀਤ ਕਥਾਵਾਂ : ਹੀਰ ਰਾਂਝਾ, ਮਿਰਜ਼ਾ ਸਾਹਿਬਾ

ਵਿਆਕਰਨ : ਕੰਪਿਊਟਰ ਅਤੇ ਬੀਮਾ ਸੇਵਾਵਾਂ ਨਾਲ ਸੰਬੰਧਿਤ ਵਾਕ

ਲੇਖ ਰਚਨਾ (ਸਮਾਜਿਕ, ਸਭਿਆਚਾਰਕ ਅਤੇ ਮਨੋਰੰਜਨ ਵਿਸ਼ੇ  
ਸਬੰਧੀ 200-250 ਤੋਂ ਸ਼ਬਦਾਂ ਵਿੱਚ ਲੇਖ)

Term I will be included in Term II.

## DANCE

### Theory

#### Term-I

1. History of Indian Dance, Acquaintance with the themes of Ramayana, Mahabharat in the context of Kathak. Acquaintance with other myths and legends pertinent to dance drama or gat bhav like Kalia Daman, Govardhan Leela, Panghat Leela, Draupaid Cheer haran, Makhan chori.
2. A brief history of Kathak dance, Terminology : Rang Pravesh, Abhinay, Bhajans, Thumri, Tarana
3. Ability to write teentaal (thah, dugun, chougun)
4. Explanation : Nritt, Nritya, Natya

#### Term-II

1. Acquaintance with the themes of Bhagvata Purana and Gita Govind in the context of Kathak. Dance drama like marich vadh, bhasmasur vadh, madan dahan.
2. Evolution of kathak dance in pracheen kal / mandir kal, darbar kaal, adhunik kal covering Pre & Post independence era till present time.

3. Terminology : Dadra, Dhrupad, Ghazals, Kavita, Tirvat, Chaturang
4. Aspects of Kathak (using of Ghungroos, Chakkars, Upaj, Costume)
5. Ability to write notation of jhaptaal (thah, dugu, chaugun)
6. Explanation : Tandav, Lasya, Ang, Upang, Pratyang

### **Practical of Term I & Term II**

1. Practice of basic standing position & various patterns of Tatkaar.
2. Practice of exercise of different parts of body & chakkars in teentaal.
3. Practice of teentaal, jhaptaal with host kriya in thah, dugun & chougun.
4. Practice of tatkaar set to teentaal in slower tempo, in its double & four times.
5. Student should know the following :  
Thaat, Aamad, Tez Aamad, Vandana, Tukra/Toda, Natwari Ka Tukra, Paran, Tihai, Laya baant
6. Parhant of tukda/toda with hastra kriya.