Syllabus of Class XI Humanities (Arts)

Mathematics

SECONDTERM SYLLABUS

1. Trigonometric Functions
2. Permutation and combination
3. Brief Review of Cartesian System of rectangular Co-ordinates
4. Conic Section
5. Limits and Derivatives (Half)
6. Probability
7. Linear Inequation

FIRST PERIODIC CHAPTERS:

1. Conic Section
2. Probability

SECOND PPERIODIC CHAPTER:

1. Limits and Derivatives
2. Trignometric functions

ECONOMICS

TERM II

PART A - Statistics for Economics

Unit 3 :- Statistics tools and Interpertation

Measure of Dispersion

Correlation

Index Number

Part B- Introductory Microeconomics

Unit 6 : Producer Behaviour and Supply

Meaning of Production Function

cost

Revenue

Unit 7: From of Market

Perfect Competition

Simple Applications of Demand and supply

Books NCERT

TR Jain

PSYCHOLOGY

TERM-II

Theory

Ch- 4 Human Development

Ch-5 Sensory Attentional and Perceptual Processes

Ch-6 Learning

Ch- 7 Human Memory

Practical

- Students shall required to conduct one experiment related to the toics covered in the course.

PHYSICAL EUCATION (048)

TERM II

Theory

Ch- 6 Physical Activity and Leadership Training

Ch-7 Test, Measurement and Evaluation

Ch-8 Fundamentals of Anatomy, Physiology and Kinesiology in Sports.

Ch-9 Psychology and Sports

Ch-10 Training and Doping in Sports.

INFORMATICS PRACTICES

TERM II

Unit 3

Database concepts and the Structured Query Language

- Database Concepts Introduction to database concepts and its need. Database Management system Relational data model: concept of attribute domain, tuple, relation, candidate key, primarykey alternate key, foreign key.
- 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.
- Data Definition Commands CREATE, DROP, ALTER ((Add and Remove Primary key, attribute) Data Query Commands SELECT-FROM-WHERE, LIKE, BETWEEN, IN, ORDER BY, using arithmetic, local, relational operators and NULL values in queries, Distinct clause Data MANIPULATION Commands INSERT, UPDATE, DELETE.

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, LaaS, PaaS);
- Grid Computing, Block chain technology.

Programs in practical File

PUNJABI

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English

(Term-II)

1. HORNBILL (READER)
2. SNAPSHOTS (Supplementary Reader)

1. Reading Comprehension

   Unseen Passage

   Note making

1. Creative Writing Skills and Grammar,

    Short Writing Task

   Posters

   Long Writing Tasks

   Official Letters

   Debate

   Grammar

   Determiners

   Tenses

   Reading of Sentences

1. Literature Book- HORNBILL

1. The Ailing Planet
2. The Browning Version
3. Silk Road

Poetry

1.
   1. The Voice of the Rain
   2. Childhood

BOOK-SNAPSHOTS

1. Albert Einstein at School
2. Mother's Day
3. Birth

HISTORY

TERM II

Ch-7 Changing Cultural traditions

Ch-9 The Industrial Revolution

Ch-10 Displacing Indigenous People

Ch-11 Paths to Modernization

(Map work Also included)

POLITICAL SCIENCE

TERM II

Constitution At work

1 Legislature

2 Executive

3 Judiciary

Political Theory

1 Liberty

2 Equality

3 Justice

MUSIC VOCAL

L-1 Thaat, Jaati, Laya, Tata, Margi_Desi

L-2 Dhrupad and Tarana

L-3 Life Sketch

L-4 Knowledge of the Structure of Tanpura

L-5 RaagBhimplasi Description with Notation

Periodic Test

L-1 Thaat, Jaati, Tala

L-2 Dhrupad

L-3 Life sketch Tansen

L-4 Tanpura

L-5 Bhimplasi Description