

DAV PUBLIC SCHOOL, UPPAL'S SOUTHEND, SECTOR-49, GURUGRAM

SYLLABUS OF TERM – 1 EXAMINATION(2021-22)

CLASS X

ENGLISH

Reading: Reading Comprehension (Discursive and Factual passage)

Writing:

Letter to Editor

Letter of Complaint(Business and Official)

Grammar: Tenses, Reported Speech, Modals, Subject Verb Agreement, Determiners

Literature:

First Flight: A Letter to God, Dust of Snow, Fire and Ice, Nelson Mandela- A Long Walk to Freedom, A Tiger in the Zoo, Two Stories About Flying, From the Diary of Anne Frank, The Ball poem, Hundred Dresses 1, Hundred Dresses 2

Footprints Without Feet- A Triumph of Surgery, The Thief's Story, Footprints Without Feet

HINDI

अपठित बोध

अपठित गद्यांश

पाठ्य पुस्तक

1. साखी (कबीर)
2. पद (मीरा)
3. बड़े भाई साहब
4. ततौरा-वामीरो कथा
5. अब कहाँ दूसरों के दुख से दुखी होने वाले

व्याकरण

पदबंध, समास, रचना के आधार पर वाक्य भेद, मुहावरे

SANSKRIT

अनुप्रयुक्त व्याकरणम् -

संधिः - व्यञ्जनसंधिः - वर्गस्य प्रथमवर्णस्य स्थाने तृतीयः वर्णः, वर्गस्य प्रथमवर्णस्य स्थाने पञ्चमः वर्णः

विसर्गसंधिः - उत्त्वम्, स्, ष, श्

समासः - तत्पुरुषः

अव्ययीभावः (अनु, उप, सह, निर्, प्रति, यथा)

द्वन्द्वः

प्रत्ययाः - मतुप्, त्व, टाप्

वाच्यपरिवर्तनम्

समयः

अव्ययपदानि

अशुद्धिसंशोधनम्

प्रथमः पाठः - शुचिपर्यावरणम्

द्वितीयः पाठः - बुद्धिर्बलवती सदा

चतुर्थः पाठः - शिशुलालनम्

पञ्चमः पाठः - जननी तुल्यवत्सला

MATHEMATICS

UNITS	UNIT NAME	NAME & NO. OF THE CHAPTER
1	NUMBER SYSTEMS	CH – 1 REAL NUMBERS
2	ALGEBRA	CH – 2 POLYNOMIALS CH – 3 PAIR OF LINEAR EQUATIONS IN TWO VARIABLES
3	COORDINATE GEOMETRY	CH – 7 COORDINATE GEOMETRY
4	GEOMETRY	CH – 6 TRIANGLES
5	TRIGONOMETRY	CH – 8 INTRODUCTION TO TRIGONOMETRY
6	MENSURATION	CH – 12 AREAS RELATED TO CIRCLES
7	STATISTICS & PROBABILITY	CH – 15 PROBABILITY

SCIENCE

PHYSICS

CH-10 : LIGHT- REFLECTION AND REFRACTION

CH: 11: THE HUMAN EYE AND THE COLOURFUL WORLD(From page 191)

CHEMISTRY

CH 1 - CHEMICAL REACTIONS AND EQUATIONS

CH 2- ACIDS, BASES AND SALTS

CH 3-METALS AND NON-METALS

BIOLOGY

CH -6 LIFE PROCESSES

SOCIAL SCIENCE

HISTORY

The Rise of Nationalism in Europe

GEOGRAPHY

1. Resources and Development

2. Water Resources (map only)

3. Agriculture

CIVICS

1. Power Sharing

2. Federalism

ECONOMICS

1. Development

2. Sectors of Indian Economy

Map work-

A. GEOGRAPHY

Chapter 1: Resources and Development

a. Major soil Types

Chapter 3: Water Resources

Dams:

a. Salal

b. Bhakra Nangal

c. Tehri

d. Rana Pratap Sagar

e. Sardar Sarovar

f. Hirakud

g. Nagarjuna Sagar

h. Tungabhadra

Chapter 4: Agriculture

a. Major areas of Rice and Wheat

b. Largest / Major producer States of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute

INFORMATION TECHNOLOGY

THEORY

Part A- Employability Skills

*Communication Skills

*Self Management Skills

*ICT Skills

Part B- Subject Specific Skills

*Electronic Spreadsheets (Advanced)

*Database Management System(Database concepts, Terminologies, Features of open office, Tables creation, Datatypes)

PRACTICAL

Software to be used- Open Office Calc and Open Office Base

*Electronic Spreadsheets

*Database Management System(Tables creation, Datatypes, inserting and modifying records in tables)

ARTIFICIAL INTELLIGENCE

THEORY

Reference Book - CBSE Handbook

Part A- Employability Skills

*Communication Skills

*Self Management Skills

Part B- Subject Specific Skills

*Chapter 1- Introduction to AI (page 7-18)

*AI domain- Data science, computer vision and NLP

*Applications of AI

*AI, ML and DL

*AI ethics, bias and access

*Chapter 2- AI project cycle (page 19-32)

*Sustainable development goals

*Problem Scoping-4w canvas

*Data Acquisition-testing and training data, data features, modes of data acquisition

*Data Exploration- visual representations

*Modelling - Learning based and rule based approach

*Learning based- supervised, unsupervised and reinforcement learning

*What is Evaluation

*Neural networks

PRACTICAL

Reference Book - Python Content Manual

Chapter1- Algorithm and flowchart

Chapter2- Introduction to python

Chapter4- Lists and tuples

Chapter5-Flow of control and conditions.

HOME SCIENCE

TERM I (THEORY)

Unit I : Human Growth and Development II

a. Play (birth-5 years), role of play in growth and development of children. Types of play- active, passive, natural, serious and exploratory, selection of play material for children.

b. Childhood (3years onwards)-Age specific milestones- Physical, motor , social, emotional, cognitive and language

c. Adolescents: Special Features- Physical and biological, motor, social, emotional, cognitive and language

Unit II : Management of Resources

Time, Energy & Money a) Time Management - Definition and Importance b) Time plans - Factors affecting time plan c) Energy Management: Definition and Importance d) Fatigue and Work Simplification

Unit III : Food & Personal Hygiene

Principles of hygienic handling of food, including serving of food. a) Hygiene in kitchen b) Personal hygiene of food handler c) Hygiene during food storage

TERM I (PRACTICAL)

1. Make a suitable play material for children between birth to 5 years (group activity)
2. List five areas of agreement and disagreement each with parents, siblings and friends, and give your suggestion to improve the relationships.
3. Plan a balanced meal for yourself.
4. Make a time plan to self for one day

PAINTING

THEORY

Unit 1: Fundamental of visual art (Elements of art, Principles of art)

Unit 2: Methods and Materials of Painting (understanding and appropriate use of Tools, Painting Materials)
