ADARSH PUBLIC SCHOOL

C-Block, Vikas Puri

SYLLABUS CLASS-XI SESSION: 2023-24

ENGLISH CORE

APRIL & MAY

Hornbill Chapter 1 The Portrait of A Lady

Poem 1 A Photograph

Snapshots Chapter 1 The Summer of The

Beautiful White Horse

Grammar Tenses

Writing Skill Classified Advertisements

Reading skill Unseen Comprehension

JUNE & JULY

Hornbill Chapter 2 We are not afraid to die

Poem 2 The Laburnum Top

Snapshots Chapter 2 The Address

Grammar Clauses, Gap Fillng

Writing Skill Poster, Speech

Reading skill Unseen Comprehension, Notemaking

AUGUST

Hornbill Chapter 3 Discovering Tut; the

saga continues

Poem 3 The Voice of the Rain

Snapshots Chapter 7 Birth

Grammar Transformation of Sentences, Reordering

of Sentences

Writing Skill Debate

Reading skill Unseen Comprehension, Notemaking

SEPTEMBER

Hornbill Poem 4 Childhood

Grammar Tenses

Reading skill Unseen Comprehension, Notemaking

OCTOBER

Hornbill Chapter 7 The Adventure

Snapshots Chapter 8 The Tale of Melon City

Grammar Transformation of Sentences, Gap Filling

Writing Skill Advertisement

Reading skill Unseen Comprehension, Notemaking

NOVEMBER

Hornbill Poem 5 Father to Son

Grammar Rearrangement, Editing

Writing Skill Debate

Reading skill Unseen Comprehension, Notemaking

DECEMBER

Snapshots Chapter 5 Mother's Day

Grammar Rearrangement
Writing Skill Poster making

Reading skill Unseen Comprehension, Notemaking

JANUARY

Hornbill Chapter 8 Silk Road

Grammar Editing
Writing Skill Debate

Reading skill Unseen Comprehension, Notemaking

FEBRUARY

Grammar Clauses Writing Skill Speech

Reading skill Unseen Comprehension, Notemaking

PRE-MID

Hornbill Chapter 1

Poem 1

Snapshots Chapter 1

Grammar Editing, Gap Filling

MID TERM

Hornbill All the topics covered
Snapshots All the topics covered
Grammar All the topics covered
Writing Skill All the topics covered
Reading Skill All the topics covered

POST MID TERM

Hornbill Poem 4, Chapter 7

Snapshots Chapter 8

Grammar All the topics covered
Writing Skill All the topics covered
Reading Skill All the topics covered

ANNUAL

Whole Syllabus

PHYSICS (042) APRIL-MAY

Chapter 2 Units and Measurement

Chapter3 Motion in a Straight Line

PRACTICAL

Experiment 1 Vernier Callipers

Experiment 2 Screw Gauge

JUNE-JULY

Chapter4 Motion in a Plane

Chapter5 Laws of Motion

Chapter6 Work, Energy and Power

PRACTICAL

Experiment 3 Parallelogram Law of Vectors

AUGUST

Chapter 7 System of Particles and Rotational Motion

Chapter 8 Gravitation

PRACTICAL

Experiment 4 Relationship between temperature of a hot body

and time

SEPTEMBER

Chapter9 Mechanical Properties of Solids

Revision

OCTOBER

Chapter9 Mechanical Properties of Solids(contd.)

Chapter 10 Mechanical Properties of Fluids

Chapter 11 Thermal Properties of Matter

PRACTICAL

Experiment 5 Spring Constant

NOVEMBER

Chapter 11 Thermal Properties of Matter(contd.)

Chapter12 Thermodynamics

PRACTICAL

Experiment 6 Simple Pendulum

DECEMBER

Chapter12 Thermodynamics(contd.)

Chapter13 Kinetic Theory of gases

PRACTICAL

Experiment 7 Viscosity

JANUARY

Chapter14 Oscillations

PRACTICAL

Experiment 8 Sonometer

FEBRUARY

Chapter15 Waves

REVISION

PRE-MID TERM EXAM: Chapter 2, 3, 4

MID TERM EXAM: Chapter 2 - 8

POST MID TERM EXAM: Chapter 9, 10, 11

ANNUAL EXAM: WHOLE SYLLABUS

MATHEMATICS (041)

APRIL-MAY

Chapter 1 Sets

Chapter 4 Complex Numbers and

Quadratic Equations

Activity Subsets of a given set

Activity Union and Intersection of sets **Activity** Interpret the meaning of $i = \sqrt{-1}$

geometrically

JUNE-JULY

Chapter 2 Relations and Functions

Chapter 3 Trigonometric Functions

AUGUST

Chapter 5 Linear Inequalities

Chapter 6 Permutations and Combinations

Activity Verify that n(AXB)=n(A) X

n(B) for two sets

Activity Verify the graph of Linear

Inequalities

SEPTEMBER

Chapter 7 Binomial Theorem

OCTOBER

Chapter 8 Sequences & Series

Chapter 12 Limits and Derivatives

Activity To find analytically the formula of

limit x tends to c.

NOVEMBER

Chapter 10 Conic Sections [Till Ex 11.4]

Chapter 11 Introduction to three Dimensional

Geometry

Activity Concept of Octant

DECEMBER

Chapter 9 Straight Lines

Chapter 13 Statistics

Activity Sample space when a die is

rolled once, twice.

Sample space when a coin is tossed once, two times, three

times, four times

JANUARY

Chapter 14 Probability

Activity Pascal's Triangle

FEBRUARY

Revision of Whole Syllabus

Pre Mid Term Chapter 1, 4

Mid Term Examination Chapter 1, 2, 3, 4, 5, 6, 7

Post Mid Term Chapter 8, 10 and 12

Annual Examination Whole Syllabus

CHEMISTRY (043)

APRIL-MAY

Chapter 1 Some basic concepts of chemistry

Chapter 2 Structure of atom

JUNE-JULY

Chapter 3 Periodic Table
Chapter 4 Chemical bonding

AUGUST

Chapter 6 Thermodynamics

SEPTEMBER

REVISION OF THE CHAPTERS

OCTOBER

Chapter 7 Equilibrium-I and II

NOVEMBER

Chapter 8 Redox Reactions

DECEMBER

Chapter 12 Some basic concepts of organic chemistry

JANUARY

Chapter 13 Hydrocarbons

PRACTICALS

APRIL-AUGUST Introduction to Lab apparatus Acid- Base

titrations

OCTOBER-JANUARY Analysis of acidic and basic radicals

PRE MID TERM EXAM: Chapter - 1,2 and 3
MID TERM EXAM: Chapter -1,2,3,4 and 6

POST MID TERM EXAM: Chapter -7 and 8

POST MID TERM EXAM: Chapter – 7 and 8 **ANNUAL EXAM:** Whole Syllabus (Theory + Practical)

BIOLOGY (044)

APRIL-MAY

Chapter-1 The Living World

Chapter-2 Biological Classification

Chapter-3 Plant Kingdom

JUNE-JULY

Chapter-4 Animal Kingdom

Chapter -5 Morphology of flowering plants

Chapter-6 Anatomy of flowering plants

AUGUST

Chapter-7 Structural organization in Animals

Chapter 8 Cell: The unit of life

Chapter-9 Biomolecules (Half)

SEPTEMBER

Chapter-9 Biomolecules (Cont..)

Chapter-10 Cell Cycle and Cell Division

OCTOBER

Chapter-13 Photosynthesis in Higher Plants

Chapter-14 Respiration in Plants

NOVEMBER

Chapter-15 Plant Growth and Development

DECEMBER

Chapter -17 Breathing and Exchange of

Gases

Chapter-18 Body Fluids and Circulation

JANUARY

Chapter-19 Excretory Products and their

Elimination

Chapter-20 Locomotion and Movement

Chapter-21 Neural Control and

Coordination

FEBRUARY

Chapter -22 Chemical coordination and

Integration

PRE MID TERM EXAM
MID TERM EXAM
Chapter -1,2,3 and 4
Chapter -1,2,3,4,5,6,7,8,
POST MID TERM EXAM
Chapter - 9, 10, 13,

ANNUAL EXAM Whole Syllabus (Theory + Practical)

PRACTICALS

- 1. Study and describe any two common flowers.
- 2. Preparation of T.S. of dicot and moncot roots and stems.
- 3. Study of osmosis by potato osmometer.
- 4. Study of distribution of stomata in the upper and lower surface of leaves.
- 5. Test for the presence of sugar, starch and proteins.
- 6. Study of permanent slides of algae, protozoa, plant tissues and animal tissues.

- 7. Museum specimens.
- 8. Separation of plant pigments through paper chromatograpy.
- 9. Study the rate of respiration in flower bud and germinating seeds.
- 10.Study of plasmolysis in Rheo leaves.
- 11. Test for the presence of fat in the plant/animal material.
- 12.Study of plant and animal specimens and slides.
- 13.Study of mitosis from permanent slides.
- 14.Study of different types of Inflorescence.
- 15.Study of Human skeleton and different types of joints.

ACCOUNTANCY (055)

APRIL & MAY

Chapter-1 Introduction to Accounting

Chapter-2 Basic Accounting Terms

Chapter-3 Theory base of Accounting,

Accounting standards and Indian

accounting Standards (IND-AS)

Chapter-4 Bases of Accounting

Chapter-5 Accounting Equation

JUNE & JULY

Chapter-6 Accounting Procedure- Rules of Debit

and Credit

Chapter-7 Origin of Transactions- Source

Documents and Vouchers

Chapter-8 Journal

Introduction to Project Work

AUGUST

Chapter-9 Ledger

Chapter-10 Special purpose book 1- Cash Book

Chapter-11 Special purpose book 2- Other Books

SEPTEMBER

Chapter-12 Accounting of Goods and Service Tax

(GST)

OCTOBER

Chapter-12 Accounting of Goods and Service Tax

(continued)

Chapter-13 Bank Reconciliation Statement

Chapter -14 Trial Balance

NOVEMBER

Chapter -15 Depreciation

Chapter- 17 Rectification of Errors

DECEMBER

Chapter-16 Provisions and Reserves

Chapter-18 Financial Statements of Sole Proprietorship

JANUARY

Chapter-19 Adjustments in Preparation of Financial

Statements

FEBRUARY

Chapter-20 Accounts from Incomplete Records

PRE MID TERM EXAM
MID TERM EXAM
Chapter - 1-5
Chapter - 1-11
POST MID TERM EXAM
Chapter - 1-11
Chapter - 12-15
ANNUAL EXAM
Whole Syllabus

ECONOMICS (030)

APRIL & MAY

Part A Statistics for Economics

Unit 1 Introduction

Unit 2 Collection and Organization of Data

Unit 3 Statistical Tools and

Interpretation Chapter Measures of Central Tendency

JUNE & JULY

Part B Introductory Micro Economics

Unit 1 Introduction

Unit 2 Consumer Equilibrium and Demand

(with elasticity of Demand)

Part A Statistics for Economics

Unit 2 Presentation of Data

Introduction to Project work

AUGUST

Part B Introductory Micro Economics

Unit 3 Producer's Behaviour and Supply

Chapter Production Function

SEPTEMBER

Part B Introductory Micro Economics

Unit 3 Producer's Behaviour and Supply

Chapter Supply and Elasticity of Supply

OCTOBER

Part B Introductory Micro Economics

Unit 3 Producer's Behaviour and Supply

Chapter Cost and Revenue

NOVEMBER

Part A Statistics for Economics

Unit 3 Statistical Tools and Interpretation

Chapter Correlation

DECEMBER

Part B Introductory Micro Economics

Unit 4 Forms of Market (Introduction &

Perfect Competition)

JANUARY

Part B Introductory Micro Economics

Unit 5 Price Determination under perfect

competition with simple applications

FEBRUARY

Part A Statistics for Economics

Unit 3 Statistical Tools and Interpretation

Chapter Introduction to Index Number

PRE MID TERM EXAM Unit 1,2, 3 (Statistics)

MID TERM EXAM Syllabus covered till August

POST MID TERM EXAM Unit 6 Producer's Behaviour and Supply

Cost, Supply and elasticity of Supply

Unit 3 Correlation

ANNUAL EXAM Whole Syllabus

BUSINESS STUDIES(054)

APRIL & MAY

Chapter- 1 Business, Trade and Commerce

Chapter- 2 Forms of business organisations

Introduction to Project work

JUNE & JULY

Chapter- 3 Private public and global enterprises

Chapter- 4 Business service

AUGUST

Chapter- 5 Emerging modes of business

SEPTEMBER

Chapter- 6 Social responsibility of business

OCTOBER

Chapter- 7 Formation of company

Chapter-8 Sources of business finance

NOVEMBER

Chapter- 9 Small Business & Enterpreneurship

development

Chapter- 10 Internal trade (Introduction)

DECEMBER

Chapter- 10 Internal trade (Continued)

Project part- II

JANUARY

Chapter- 11 International business

FEBRUARY

Chapter- 11 International business (Continued)

Pre Mid Term Exam Chapter- 1, 2

Mid Term Exam Chapter- 1 To 6

Post Mid Term Exam Chapter- 7 & 8

Annual Exam Whole Syllabus

COMPUTER SCIENCE (083)

APRIL & MAY

Chapter 1 Computer System Overview

Chapter 3 Introduction to Problem Solving

Chapter 5 Getting started with Python

Chapter 2 Data Representation

JUNE & JULY

Chapter 4 Emerging Trends

Chapter 6 Python Fundamentals

Chapter 7 Data Handling

AUGUST

Chapter 8 Flow of Control

Chapter 9 String Manipulation

SEPTEMBER

Revision of Mid Term Syllabus

OCTOBER

Chapter 10 List Manipulation

Chapter 11 Tuples

NOVEMBER

Chapter 12 Dictionaries

DECEMBER

Chapter 14 Cyber Safety

Chapter 15 Online Access and Computer Safety

JANUARY

Chapter 16 Society, Law & Ethics

FEBRUARY

Chapter 8 Flow of Control

Pre Mid Exam Chapters 1, 2, 3, 5, 6

Mid Term Exam Chapters 1, 2, 3, 4, 5, 6, 7, 8, 9

Post Mid Exam Chapters 11,12, 13
Annual Exam Whole Syllabus

PSYCHOLOGY (037)

APRIL -MAY

Chapter-1 What is Psychology?

Chapter-2 Methods of Enquiry in Psychology

PROJECT WORK

JUNE-JULY

Chapter-2 Methods of Enquiry in Psychology

(Contd.)

Experiment-1- Introduction to Psychology

AUGUST

Chapter-4 Human Development

SEPTEMBER

Revision Chapter 1,2,4

OCTOBER

Chapter -5 Sensation and Perception Experiment 2 Experiment on Learning

NOVEMBER

Chapter -6 Learning

Chapter-7 Human Memory

DECEMBER

Chapter-7 Human Memory (contd)

Chapter-8 Thinking

JANUARY

Chapter-7 Thinking(Contd.)

Chapter-8 Motivation and Emotion

FEBRUARY

Chapter-8 Motivation and Emotion (contd)

Revision of Whole Syllabus

Pre Mid Term Exam Chapter- 1,2

Mid Term Exam Chapter -1,2 & 4

Post Mid Term Exam Chapter – 5 and 6

Annual Exam Whole Syllabus

HISTORY (027)

APRIL - MAY

Chapter 1 Introduction of World History

Chapter 2 Writing and City Life

JUNE - JULY

Timeline 1

Chapter 3 An Empire Across Three Continents

AUGUST

Timeline 2 and 3

SEPTEMBER

Chapter 5 Nomadic Empires

PROJECT WORK

OCTOBER

Chapter 6 The Three Orders

NOVEMBER

Chapter 7 Changing Cultural Traditions

DECEMBER

Chapter 9 The Industrial Revolution

Chapter 10 Displacing Indigenous People

JANUARY

Chapter 11 Paths to Modernisation

FEBRUARY

Revision of Entire Syllabus and Submission of Project Work

Pre Mid Term Chapter 1,2

Mid Term Chapter 1,2,3 and 5

Post Mid Term Chapter 6 and 7

Annual Examination Whole Syllabus

POLITICAL SCIENCE (028)

APRIL-MAY

Book I: **Indian Constitution at Work** Constitution: Why and How? Chapter 1: Rights in the Indian Constitution Constitution as a living document The Philosophy of the Constitution Chapter 2: **Election and Representation JUNE-JULY** Chapter 3: Legislature Chapter 4: Executive **AUGUST** Chapter 5: Judiciary Chapter 6: Federalism **Project work SEPTEMBER** Chapter 7: Local Government **OCTOBER Political Theory Book II** Political Theory: An introduction Chapter 1: Chapter 2: Freedom **NOVEMBER** Chapter 3: Equality **DECEMBER** Social Justice Chapter 4:

Rights

Project work to be submitted

Chapter 5:

JANUARY

Chapter 6: Citizenship
Chapter 7: Nationalism

FEBRUARY

Chapter 8: Secularism

Pre-mid Term: Book I: Chapter 1,2

Mid Term: Book I : Chapter 1 to 7

Post-mid Term: Book II: Chapter 1,2,3

Annual Exam: Whole Syllabus

ENTERPRENEURSHIP APRIL & MAY

Unit- I Entrepreneurship: Concept and Functions

JUNE & JULY

Unit- 1I An Enterpreneur

Unit – III Enterpreneurial Journey

Introduction to Project Work

SEPTEMBER

Unit – IV Enterpreneurship as Innovation &

Problem Solving

OCTOBER

Unit – V Concept of market

(Introduction)

NOVEMBER

Unit – V Concept of market (Continuation)

DECEMBER

Unit – VI Business Finance and Arithmetic

JANUARY

Unit – VII Resource Mobilization (Intro)

FEBRUARY

Unit – VII Resource Mobilization (Continuation)

Pre-Mid Term Exam:Chapter- 1& 2(Intro)Mid-Term Exam:Chapter- 1, 2, 3 & 4

Post-Mid Term Exam Chapter- 5&6 **Annual Exam**: Entire Syllabus

PHYSICAL EDUCATION (048)

APRIL & MAY

Unit- I Changing Trends and Career in

Physical Education

Unit- 1I Olympic

JULY

Unit – III Yoga

Unit – IV Physical Education & Sports for CWSN

(Children with Special Needs- Divyang)

SEPTEMBER

Unit – V Physical Fitness, Health and Wellness

OCTOBER

Unit – VI Test, Measurement & Evaluation

NOVEMBER

Unit – VII Fundamentals of anatomy, Physiology

JANUARY

Unit – VIII Fundamentals of Kinesiology and

Biomechanics in

FEBRUARY

Unit – IX Psychology & Sports

Unit – X Training and Doping in Sports

Pre-Mid Term Exam: Chapter- 1& 2

 Mid-Term Exam:
 Chapter- 1, 2, 3 & 4

 Post-Mid Term Exam
 Chapter- 7, 8, 9 & 10

Pre-Board Exam: Entire Syllabus

GENERAL KNOWLEDGE

JULY Science and Technology Contemporary

Career Options Current Affairs

AUGUST Mental Ability Reasoning Ability Sports

Update Current Affairs

Understanding Social Structure

Important Days and Dates Current affairs

SEPTEMBER Protection of Environment Famous

Personalities

OCTOBER Mental Ability

Books and Authors Current Affairs

NOVEMBER National Unity Numerical Current

Affairs

DECEMBER All India Services Reasoning Ability

Current Affairs

JANUARY International Understanding Current

Affairs

WORK EXPERIENCE

Projection "Bring Safe and Responsible"

Project Focus: First Aid/Health Club, Disaster Prevention and Mitigation

- * Importance of First aid dealing with cuts and bruises, heat exhaustion and heatstroke, breathing difficulties, cuts nosebleeds.
- * Charts on Disaster Prevention and Mitigation methods.
- * Preparation of First aid kit.
- * Procedure to check temperature and blood pressure of a person.
- * Posters/Charts on Symptoms, mode of transmission, methods to reduce risk, Do's and Don't of any contagious diseases (For Example: Coronavirus, Ebola or Bird Flu)