ADARSH PUBLIC SCHOOL

C-Block, Vikas Puri

SYLLABUS CLASS XI SESSION: 2022-23

ENGLISH CORE (301)

JULY

Hornbill Chapter 1 The Portrait of A Lady

Chapter 2 We're Not Afraid to Die

Poem 1 A Photograph

Snapshot Chapter 1 The Summer Of the Beautiful

White Horse

Grammar Editing, Rearrangement

Writing Skill Notice Writing, Speech

Reading Skill Unseen Comprehension, Notemaking

AUGUST

Hornbill Chapter 3 Discovering Tut

Poem 2 The Laburnum Top

Snapshot Chapter 2 The Address

Grammar Tenses, Clause, Gap Filling

Writing Skill Advertisement (Classified), Debate Writing

Reading Skill Unseen Comprehension, Notemaking

SEPTEMBER

Hornbill Poem 3 The Voice of Rain

Grammar Transformation of Sentences

Writing Skill Poster Making, Letter of Enquiry

Reading Skill Unseen Comprehension, Notemaking

OCTOBER

Hornbill Poem 4 Childhood

Chapter 7 Adventure

Grammar Tenses, Modals

Writing Skill Speech, Letter Of Enquiry

Reading Skill Unseen Comprehension, Notemaking

NOVEMBER

Hornbill Chapter 8 Silk Road

Snapshot Chapter 5 Mother's Day

Grammar Editing, Rearrangement, Gap Filling

Writing Skill Speech, Poster Making, Report Writing

Reading Skill Unseen Comprehension, Notemaking

DECEMBER

Hornbill Poem 5 Father to Son

Snapshot Chapter 7 Birth

Grammar Direct- Indirect, Rearrangement, Editing

Writing Skill Report Writing

Reading Skill Unseen Comprehension, Notemaking

JANUARY

Snapshot Chapter 8 The Tale of Melon City

Grammar Active passive, Editing, Rearrangement

Writing Skill Advertisement (Classified), Poster Making

Reading Skill Unseen Comprehension, Notemaking

PRE MID

Hornbill Chapter 1

Poem 1, 2

Snapshot Chapter 1

Grammar Gap Filling, Rearrangement, Editing

Writing Skill Notice Writing

MID TERM

Hornbill Chapter 1,2,3

Poem 1,2,3

Snapshot Chapter 1,2

Grammar All the topics covered

Writing Skill All the topics covered

Reading Skill All the topics covered

POST MID

Hornbill Chapter 7, 8

Poem 4

Snapshot Chapter 5

Grammar All the topics covered

Writing Skill All the topics covered

Reading Skill All the topics covered

ANNUAL

Whole Syllabus

PHYSICS (042)

JULY

Chapter2 Units and MeasurementsChapter3 Motion in a Straight Line

PRACTICAL

Experiment 1 Vernier Callipers

Experiment 2 Screw Gauge

AUGUST

Chapter4 Motion in a Plane

Chapter5 Laws of Motion

Chapter6 Work, Energy and Power

PRACTICAL

Experiment 3 Parallelogram Law of Vectors

Experiment 4 Relationship between temperature of a hot body and

Time

SEPTEMBER

Chapter 7 System of Particles and Rotational Motion

Revision

OCTOBER

Chapter 7 System of Particles and Rotational Motion (Cont.)

Chapter 8 Gravitation

PRACTICAL

Experiment 5 Spring Constant

NOVEMBER

Chapter 9 Mechanical Properties of Solids

Chapter 10 Mechanical Properties of Fluids

Chapter 11 Thermal Properties of Matter

PRACTICAL

Experiment 6 Simple Pendulum

Experiment 7 Viscosity

DECEMBER

Chapter 12 Thermodynamics

Chapter 13 Kinetic Theory

PRACTICAL

Experiment 8 Sonometer

JANUARY

Chapter14 Oscillations

Chapter15 Waves

FEBRUARY

REVISION

PRE-MID TERM EXAM: Chapter 2, 3

MID TERM EXAM: Chapter 2-7

POST MID TERM EXAM: Chapter 8,9,10

ANNUAL EXAM: WHOLE SYLLABUS

MATHEMATICS (041)

JULY

Chapter 5 Complex Numbers and Quadratic Equations

Chapter 1 Sets

Chapter 2 Relations and Functions

Activity-1 Subsets of a given set

Activity-3 Union and Intersection of sets

Activity-11 Interpret the meaning of $i = \sqrt{-1}$ geometrically

AUGUST

Chapter 9 Sequences & Series

Chapter 10 Straight Lines

Chapter 13 Limits

Activity-2 Verify that n(AXB)=n(A)X n(B) for two sets

SEPTEMBER

Chapter 15 Statistics

Activity-28 To find analytically the formula of limit x

tends to c.

OCTOBER

Chapter 3 Trigonometric Functions

Chapter 6 Linear Inequalities

Activity-13 Verify the graph of Linear Inequalities

NOVEMBER

Chapter 7 Permutations and Combinations

Chapter 11 Conic Sections [Till Ex 11.4]

Chapter 12 Introduction to three Dimensional

Geometry

Activity-27 Concept of Octant

DECEMBER

Chapter 16 Probability

Chapter 13 Derivatives

Activity-32 Sample space when a die is rolled once, twice.

Activity-33 Sample space when a coin is tossed once, two

times, three times, four times

JANUARY

Chapter 8 Binomial Theorem

Activity-15 Pascal's Triangle

FEBRUARY

Revision of Whole Syllabus

Pre Mid Term Chapter 1, 2, 5

Mid Term Examination Chapter 1, 2, 5, 9, 10, 13, 15

Activities- 1 to 3, 11, 28

Post Mid Term Chapter 3, 6 and 7

Annual Examination Chapter 1 to 16

except Chapter 4 &

14 (With

Supplementary Part)

Activities 1 to 3, 11, 13, 15, 27,

28,32,33

CHEMISTRY (043)

JULY

Chapter 1 Some basic concepts of chemistry

Chapter 2 Structure of atom

Chapter 3 Classification of elements and

Periodicity

AUGUST

Chapter 4 Chemical bonding and molecular

structure

SEPTEMBER

Chapter 6 Thermodynamics

OCTOBER

Chapter 8 Redox reactions

NOVEMBER

Chapter 7 Equilibrium-I and II

DECEMBER

Chapter 12 Organic chemistry- Some basic concepts

and Techniques

JANUARY

Chapter 13 Hydrocarbons

FEBRUARY

Chapter 13 Hydrocarbons (contd.)

PRACTICALS

JULY-SEPTEMBER Introduction to Lab

apparatus Acid- Base

titrations

OCTOBER-JANUARY Analysis of acidic and basic radicals

PRE MID TERM EXAM: Chapter - 2 and 3
MID TERM EXAM: Chapter - 2,3 and 4
POST MID TERM EXAM: Chapter - 6,7 and 8

ANNUAL EXAM: Whole Syllabus (Theory + Practical)

BIOLOGY(044)

JULY

Chapter-1 The Living World

Chapter-2 Biological Classification

Chapter-3 Plant Kingdom

Chapter-4 Animal Kingdom

Chapter -5 Morphology of flowering plants

AUGUST

Chapter-6 Anatomy of flowering plants

Chapter-7 Structural organization in Animals

Chapter 8 Cell: The unit of life

Chapter-9 Biomolecules (Half)

SEPTEMBER

Chapter-9 Biomolecule

Chapter-10 Cell Cycle and Cell Division

OCTOBER

Chapter-13 Photosynthesis in Higher Plants

NOVEMBER

Chapter-14 Respiration in Plants

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 POST MID TERM EXAM ANNUAL EXAM

Chapter- 1,2,3 and 4 Chapter -1,2,3,4,5,6,7,8,9 Chapter – 10,11,12,13, 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 & 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)

JULY

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

AUGUST

Chapter-6 Accounting Procedure- Rules of

Debit and Credit

Chapter-7 Origin of Transactions- Source

Documents and Vouchers

Chapter-8 Journal

Chapter-9 Ledger

Chapter-10 Special purpose book I- Cash Book

SEPTEMBER

Chapter-12 Accounting of Goods and Service Tax

Introduction to Project Work

OCTOBER

Chapter -13 Bank Reconciliation Statement

Chapter-14 Trial Balance

Chapter -15 Depreciation

Chapter-16 Provisions and Reserves

NOVEMBER

Chapter- 11 Special purpose book II- Other Books

Chapter-17 Rectification of Errors

DECEMBER

Chapter-18 Financial Statements of Sole

Proprietorship

JANUARY

Chapter-19 Adjustments in Preparation of

Financial Statements

FEBRUARY

REVISION

PRE MID TERM EXAM Chapter- 1,2,4 & 5

MID TERM EXAM Chapter -1 to 10 & 12

POST MID TERM EXAM Chapter –13,15 & 16

ANNUAL EXAM Whole Syllabus

ECONOMICS (030)

JULY

Part A Statistics for Economics

Unit 1 Introduction

Unit 2 Collection, Organisation and

Presentation of Data

Unit 3 Statistical Tools and Interpretation
Chapter Measures of Central Tendency

AUGUST

Part B Introductory Micro Economics

Unit 4 Introduction

Unit 5 Consumer Equilibrium and Demand

Statistics

Unit 3 Statistical Tools and Interpretation

Chapter Correlation

Introduction to Project work

SEPTEMBER

Micro Economics

Unit 6 Producer's Behaviour and Supply

Chapter Production Function and Cost

Revision of covered syllabus

OCTOBER

Unit 6 Producer's Behaviour and Supply(contd.)

NOVEMBER

Unit 3 Statistical Tools and Interpretation

Chapter Introduction to Index Number

DECEMBER

Unit 7 Forms of Market and Price

Determination under perfect

competition with simple applications

JANUARY

Unit 7 Forms of Market and Price

Determination under perfect

competition with simple applications

FEBRUARY

Revision of Whole Syllabus

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

MID TERM EXAM Part A

Unit 2 Collection, Organisation and

Presentation of Data

Unit 3 Measures of Central Tendency

Unit 4 Introduction

Unit 5 Consumer Equilibrium and Demand

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

Unit 3 Correlation

ANNUAL EXAM Whole Syllabus

BUSINESS STUDIES (054)

JULY

Chapter-1 Nature and Purpose of Business

Chapter- 2 Forms of business organisations

Chapter- 3 Private public and global enterprises

Introduction to Project work

AUGUST

Chapter- 4 Business service

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 and ethics

NOVEMBER

Chapter- 9 MSME and Entrepreneurship development

Chapter- 10 Internal trade

DECEMBER

Chapter- 10 Internal trade

Chapter-11 International business

JANUARY

Chapter- 11 International business

FEBRUARY

Revision of Whole Syllabus

Pre Mid Term Exam

Mid Term Exam

Chapter- 1, 2

Chapter- 1 to 6

Post Mid Term Exam

Chapter- 7 & 8

Annual Exam

Whole Syllabus

INFORMATICS PRACTICES (065)

JULY

Chapter 1 Computer System

Chapter 2 Getting Started with Python

Chapter 3 Python Fundamentals

Chapter 4 Data Handling

AUGUST

Chapter 5 Flow of Control

SEPTEMBER

Chapter 5 Flow of Control (Contd...)

OCTOBER

Chapter 6 List Manipulation

NOVEMBER

Chapter 7 Dictionaries

DECEMBER

Chapter 10 Database Concepts

Chapter 11 Structured Query Language (SQL)

JANUARY

Chapter 12 Emerging Trends

FEBRUARY

Revision of Whole Syllabus

Pre Mid Exam Chapters 1, 2, 3, 4

Mid Term Exam Chapters 2,3,4, 5

Post Mid Exams Chapters 6, 7

Annual Examination Whole Syllabus

COMPUTER SCIENCE (083)

JULY

Chapter-5 Introduction to Problem Solving

Chapter-6 Getting started with Python

Chapter-7 Python Fundamentals

Chapter-8 Data Handling

AUGUST

Chapter-9 Flow of Control

Chapter-1 Computer System Overview

Chapter-2 Data Representation

Chapter-3 Boolean Logic

SEPTEMBER

Chapter-10 String Manipulation

OCTOBER

Chapter-11 List Manipulation

Chapter-12 Tuples

NOVEMBER

Chapter-13 Dictionaries

DECEMBER

Chapter-15 Cyber Safety

Chapter-16 Online Access and Computer Safety

JANUARY

Chapter-17 Society, Law & Ethics

FEBRUARY

Revision of Syllabus

Pre Mid Exam Chapters 5, 6, 7, 8

Mid Term Exam Chapters 1, 2, 3, 5, 6,7,8,9, 10

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

PSYCHOLOGY (037)

JULY

Chapter-1 What is Psychology?

Chapter-2 Methods of Enquiry in Psychology.

PROJECT WORK

AUGUST

Chapter-2 Methods of Enquiry in Psychology (Contd.)

Chapter-4 Human Development

Practical

Experiment 1 Experiment on Learning

SEPTEMBER

Chapter-4 Human Development (Contd.)

Revision Chapter 1,2,4

OCTOBER

Chapter -5 Sensation and Perception

Chapter-6 Learning

NOVEMBER

Chapter-6 Learning (Contd.)

Chapter-7 Memory

DECEMBER

Chapter-7 Memory (Contd.)

Chapter-8 Thinking

Practical

Experiment 2 Experiment on Memory

JANUARY

Chapter-8 Thinking (Contd.)

Chapter-9 Motivation and Emotion

FEBRUARY

Chapter-9 Motivation and Emotion (Contd.)

Revision of Whole Syllabus

Pre Mid Term Exam Chapter- 1

Mid Term Exam Chapter -1,2 &4

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

HISTORY (027)

JULY

Chapter 1 From the Beginning of Time

Chapter 2 Writing and City Life

AUGUST

Chapter 3 An Empire Across Three Continents

SEPTEMBER

Chapter 5 Nomadic Empires

PROJECT WORK

OCTOBER

Chapter 6 Three Orders

Chapter 7 Changing Traditions

NOVEMBER

Chapter 9 The Industrial Revolution

DECEMBER

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 6,7

Annual Examination Chapter 1 to 11

POLITICAL SCIENCE (028)

JULY

Book I Indian Constitution at Work

Chapter 1 Constitution

Chapter 2 Election and Representation

Chapter 3 The Legislature

AUGUST

Chapter 4 The Executive
Chapter 5 The Judiciary
Chapter 6 The Federalism

SEPTEMBER

Chapter 7 Local Government

Project work introduction

OCTOBER

Book II Political Theory

Chapter 1 Political Theory: An introduction

Chapter 2 Liberty
Chapter 3 Equality

NOVEMBER

Chapter 4 Justice

Chapter 5 Rights

Chapter 6 Citizenship

DECEMBER

Chapter 7 Nationalism

SUBMISSION OF PROJECT WORK

JANUARY

Chapter 8 Secularism

Pre-mid Term: Book I: Chapter 1, 2,3

Mid Term: Book I: Chapter 1 to 7

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

Annual Exam: Whole Syllabus

HINDI (002)

		जुलाई
अंतरा		
पद्य खंड	पाठ - 1	कबीर
	पाठ – 3	देव
गद्य खंड	पाठ - 1	ईदगाह
	पाठ - 2	दोपहर का भोजन
अंतराल	पाठ – 2	हुसैन की कहानी, अपनी जुबानी
अभिव्यक्ति व माध्यम	पाठ – 1	जनसंचार माध्यम
	पाठ 16	शब्दकोश एक परिचय
	अपठित बोध व विचार लेखन - प्रत्येक एक	
		अगस्त
अंतरा		
पद्य खंड	पाठ – 5	स्मित्रानंदन पंत
गद्य खंड	पाठ – 3	उ टॉर्च बेचने वाले
·	पाठ – 4	गूंगे
अभिव्यक्ति व माध्यम	पाठ -14	कार्यालय लेखन व प्रक्रिया
	अपठित बोध व	। विचार लेखन - प्रत्येक एक
		सितंबर
अंतरा		
पद्य खंड	पाठ – 6	महादेवी वर्मा
अभिव्यक्ति व माध्यम	ਧਾਠ−9	डायरी लेखन की कला
	अपठित बोध व विचार लेखन - प्रत्येक एक	
	अर्धवार्षिक परीक्षा	
	पूर्व पठित पाठों की पुनरावृति	
		अक्तूबर
अंतरा		
पद्य खंड	पाठ - 2	सूरदास
गद्य खंड	पाठ - 5	ज्योतिबा फुले

अभिव्यक्ति व माध्यम पाठ -2 पत्रकारिता के विविध आयाम

अपठित बोध व विचार लेखन - प्रत्येक एक

नवंबर

अंतरा

पद्य खंड पाठ – ८ नागार्जुन

गद्य खंड पाठ - 6 खानाबदोश

अपठित बोध व विचार लेखन - प्रत्येक एक

दिसंबर

अंतरा

पद्य खंड पाठ - 9 श्रीकांत वर्मा

पाठ – 8 उसकी मां

अभिव्यक्ति व माध्यम पाठ – 1 कथा-पटकथा

अपठित बोध व विचार लेखन - प्रत्येक एक

जनवरी

अंतरा

पद्य खंड पाठ – 10 धूमिल

गद्य खंड पाठ - 9 भारतवर्ष की उन्नति कैसे हो?

अभिव्यक्ति व माध्यम पाठ – 1 5 स्ववृत्त लेखन और रोजगार संबंधी आवेदन पत्र

अपठित बोध व विचार लेखन - प्रत्येक एक

फरवरी

अंतराल पाठ – 3 आवारा मसीहा दिशाहारा

पूर्व मध्य सत्र मूल्यांकन

अंतरा

पद्य खंड पाठ – 1 कबीर

पाठ - ५ सुमित्रानंदन पंत

गद्य खंड पाठ - 1 ईदगाह

पाठ - 2 दोपहर का भोजन

अभिव्यक्ति व माध्यम पाठ – 1 जनसंचार माध्यम

मध्य सत्र मूल्यांकन

अंतरा

पदय खंड पाठ – 1, 3, 5, 6

गद्य खंड पाठ – 1, 2, 3, 4

अंतराल पाठ – 2

अभिव्यक्ति व माध्यम पाठ – 1, 9, 14, 16

अपठित बोध वह विचार लेखन

उत्तर मध्य मूल्यांकन

अंतरा

पद्य खंड पाठ - २ सूरदास

पाठ – ८ नागार्जुन

गद्य खंड पाठ - 5 ज्योतिबा फ्ले

पाठ - 6 खानाबदोश

अभिव्यक्ति व माध्यम पाठ – 2 पत्रकारिता के विविध आयाम

वार्षिक परीक्षा

संपूर्ण पाठ्यक्रम

PHYSICAL EDUCATION (048)

JULY

Unit- I Changing Trends and

Career in Physical

Education

Unit- II Olympism

Unit - V Physical Fitness, health

and Wellness

AUGUST

Unit - VI Test Measurement and

Evaluation

Unit - VII Fundamentals of Anatomy, Physiology

in sports

SEPTEMBER

Unit - IV Physical Education& Sports

for CWSN

Unit - III Yoga

OCTOBER

Unit - VIII Fundamentals of kinesiology and

biomechanics in sports

NOVEMBER

Unit - IX Psychology and Sports

DECEMBER

Unit - X Training and Doping in Sports

JANUARY

Unit - VIII Fundamentals of kinesiology and

biomechanics in sport

FEBRUARY

Revision of Whole Syllabus

Pre-Mid Term Exam Chapter- 1, 2 & 5

Mid-Term Exam Chapter- 1,2, 5, 6 & 7

Post-Mid Term Exam Chapter- 3,4, 8 & 9

Final Examintion 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)