

DAV PUBLIC SCHOOL, SECTOR-14 GURUGRAM
PRE-BOARD SYLLABUS
SESSION -2021-22
CLASS XII

MM:

S.NO.	SUBJECT	CHAPTER
1	ENGLISH	Reading Comprehension (factual/ descriptive or literary/ discursive or persuasive) Case Based (Unseen) Creative Writing Skills Notice Writing Classified Advertisements Letter to the Editor Article Writing Literature Flamingo The Last Lesson Lost Spring Deep Water My Mother at Sixty-Six An Elementary School Classroom in a Slum Keeping Quiet Vistas The Third Level The Enemy
2	MATHEMATICS	Unit I Relations and functions chapter: Relations and Functions chapter: Inverse Trigonometric Functions Unit II Algebra chapter: Matrices chapter: Determinants Unit III Calculus Chapter: Continuity and Differentiation chapter: Application Of Derivatives Unit V Linear programming
3	BIOLOGY	Unit I Chapter-2: Sexual Reproduction in Flowering Plants. Chapter-3: Human Reproduction Chapter-4: Reproductive Health Unit II Chapter-5: Principles of Inheritance and Variation Chapter-6: Molecular Basis of Inheritance
4	CHEMISTRY	Unit-1

		<p>The Solid State</p> <p>Unit-2</p> <p>Solutions</p> <p>Unit-7</p> <p>p- Block Elements</p> <p>Unit-10</p> <p>Haloalkanes and Haloarenes</p> <p>Unit-11</p> <p>Alcohols, Phenols and Ethers</p> <p>Unit-14</p> <p>Biomolecules</p>
5	PHYSICS	<p>Unit-I Electrostatics</p> <p>Chapter-1: Electric Charges and Fields</p> <p>Chapter-2: Electrostatic Potential and Capacitance</p> <p>Unit-II Current Electricity</p> <p>Chapter-3: Current Electricity</p> <p>Unit-III Magnetic Effects of Current and Magnetism</p> <p>Chapter-4: Moving Charges and Magnetism</p> <p>Chapter-5: Magnetism and Matter</p> <p>Unit-IV Electromagnetic Induction and Alternating Currents</p> <p>Chapter-6: Electromagnetic Induction</p> <p>Chapter 7: Alternating currents</p>
6	POLITICAL SCIENCE	<p>Chapter 1. The Cold War</p> <p>Chapter 2. The Disintegration of USSR and Rise of the US Hegemony</p> <p>Chapter 3. United Nations</p> <p>Chapter 4. Challenges of Nation Building</p> <p>Chapter 5. Planned Development</p> <p>Chapter 6. India's External Relations</p>
7	ECONOMICS	<p>MACROECONOMICS</p> <ol style="list-style-type: none"> 1. Money and Banking 2. Government Budget 3. Balance of Payment <p>INDIAN ECONOMIC DEVELOPMENT</p> <ol style="list-style-type: none"> 1. India on the eve of Independence 2. Indian Economy 1950-90 3. Liberalisation, Privatisation and Globalisation : an appraisal 4. Poverty 5. Human Capital formation

		6. Rural Development
8	ACCOUNTANCY	<p>PART A</p> <p>ACCOUNTING FOR PARTNERSHIP FIRMS</p> <ol style="list-style-type: none"> 1. Fundamentals 2. Goodwill: Nature and Valuation 3. Change in profit sharing ratio 4. Admission of a partner <p>COMPANY ACCOUNTS</p> <ol style="list-style-type: none"> 1. Accounting for shares <p>PART B</p> <p>ANALYSIS OF FINANCIAL STATEMENTS</p> <ol style="list-style-type: none"> 1. Financial statements of a company 2. Financial statement analysis 3. Ratio analysis
9	HISTORY	<ol style="list-style-type: none"> 1.Theme 1- Bricks,beads and bones. 2.Theme 2- Kings farmer's and towns. 3.Theme 3-Kinship,caste and class. 4.Theme 4- Thinkers,beliefs and buildings. 5. Theme 6- Bhakti and Sufi traditions. 6.Theme 7- An Imperial capital Vijyanagar
10	GEOGRAPHY	<p>FUNDAMENTALS OF HUMAN GEOGRAPHY</p> <p>Unit 1</p> <ol style="list-style-type: none"> 1 Human Geography: Nature and Scope <p>Unit 2</p> <ol style="list-style-type: none"> 2 -The World population Distribution, Density and Growth 3-Population Composition 4-Human Development <p>Unit 3</p> <ol style="list-style-type: none"> 5-Primary Activities <p>INDIA: PEOPLE AND ECONOMY</p> <p>Unit 1</p> <ol style="list-style-type: none"> 1-Population: Distribution, Density, Growth and Composition 2- Migration: Types , Causes and Consequences <p>Unit 2</p> <ol style="list-style-type: none"> 4-Human Settlements <p>Unit 3</p> <ol style="list-style-type: none"> 6-Water Resources

		Map work on identification of features based on 1-5 units on the outline Political map of the world
11	LEGAL STUDIES	Unit 1 Judiciary Unit 2 Topics of Law (Property, Contracts, Torts & Crime) Unit 3 Alternative Dispute Resolution
12	COMPUTER SCIENCE	Unit I: Computational Thinking and Programming – 2 Revision of Python topics covered in Class XI. Functions: types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope) Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file CSV file: import csv module, open / close csv file, write into a csv file using csv.writerow() and read from a csv file using csv.reader()
13	BUSINESS STUDIES	PART A PRINCIPLES AND FUNCTIONS OF MANAGEMENT <ol style="list-style-type: none"> 1. Nature and significance of management 2. Principles of management 3. Business environment 4. Planning 5. Organising

		PART B BUSINESS FINANCE AND MARKETING 3. Marketing management
14	HOME SCIENCE	UNIT I: Work, livelihood and Career Ch.1- Work, livelihood and Career UNIT II: Nutrition, Food Science and Technology Ch.2- Clinical Nutrition and Dietetics Ch.3- Public Nutrition and Health Ch.5- Food Processing and Technology Ch.6- Food Quality and Food Safety UNIT III: Human Development and Family Studies Ch.7- Early Childhood Care and Education Ch.10- Management of Support Services, Institutions and Programmes for Children, Youth and Elderly
15	FASHION STUDIES	CHAPTER-1 HISTORY OF FASHION <ul style="list-style-type: none"> · Introduction · Sources of information · Factors affecting clothing · Origin and development of costume · Industrial revolution · Evolution of modern Indian fashion · Films and fashion CHAPTER-2 BASIC PATTERN DEVELOPMENT Pattern Making <ul style="list-style-type: none"> · Terminology, symbols and abbreviations · Methods of measuring body and dress form · Sizes and measurements · Tools of pattern making · Fit- Element of fits, evaluating fits, need to fit and methods of fit

		<ul style="list-style-type: none"> · Pattern development- Basic Bodice: How to develop a bodice from the standard · Measurement chart <ul style="list-style-type: none"> ● Sleeveless bodice ● Neckline and its variations · Dart manipulation · How to develop basic skirt block with one dart or two darts and A- line · Collar- Principles of collar development :flat collar, roll collar and stand collar, terminology <p>EMPLOYABILITY SKILLS</p> <p>a.Communication skills</p> <p>b.Self management skills</p> <p>c.ICTN</p>
16	PSYCHOLOGY	<p>Chapter 1 - Variations in Psychological Attributes</p> <p>Chapter 2- Self and Personality</p> <p>Chapter 3- Meeting Life Challenges</p>
17	PHYSICAL EDUCATION	<p>Unit 1- Planning in Sports</p> <p>Unit 2- Sports and Nutrition</p> <p>Unit 5- Children and Women in Sports</p> <p>Unit 6- Test and Measurement in Sports</p> <p>Unit 8- Biomechanics and Sports</p>
18.	FINE ARTS	<ol style="list-style-type: none"> 1. Rajasthani and pahari school of paintings. 2. Mughal and deccan school of painting.