



BVB Vidyashram Pratap Nagar, Jaipur
Session 2022-23

Syllabus – Term-II

Class – XI

English (301)

Periodic Test - II

Reading: Unseen Passage

Literature:

Snapshots - Birth

Poem - The Voice of Rain

Writing - Classified Advertisement

Grammar - Gap Filling and Sentence re-ordering

Periodic Test – III

Reading - Unseen Passage

Literature:

Snapshots - Mother's Day

Hornbill - Silk Road

Poem - My Childhood

Writing - Speech

Grammar - Gap Filling and Sentence re-ordering

Annual Examination

Reading - Unseen Passage

Literature:

Hornbill - The Adventure

Poem - Father to Son

The Tale of Melon City

(It includes PT-1, PT-2, PT-3 and Half Yearly Exam syllabus)

Physics (042)

Chapter No.	Title
Periodic Test - II	
6	WORK POWER& ENERGY
Periodic Test - III	
7	SYSTEM OF PARTICLES AND ROTATIONAL MOTION
8	GRAVITATION
Annual Examination	
2	UNITS AND MEASUREMENTS
3	MOTION IN A STRAIGHT LINE
4	MOTION IN A PLANE
5	LAWS OF MOTION
6	WORK POWER& ENERGY
7	SYSTEM OF PARTICLES AND ROTATIONAL MOTION
8	GRAVITATION
9	MECHANICAL PROPERTIES OF SOLIDS
10	MECHANICAL PROPERTIES OF FLUIDS
11	THERMAL PROPERTIES OF MATTER
12	THERMODYNAMICS
13	KINETIC THEORY OF GASES
14	OSCILLATION
15	WAVES

Chemistry (043)

Chapter No.	Chapter Name
Periodic Test – II	
4	Chemical Bonding
6	Thermodynamics
Periodic Test - III	
7	Equilibrium
8	Redox reaction
Annual Examination	
1	Some basic concept of chemistry
2	Structure of Atom
3	Periodic classification of elements
4	Chemical Bonding
6	Thermodynamics
7	Equilibrium
8	Redox reaction
12	Organic chemistry-some basic principle
13	Hydrocarbon

Mathematics (041)

Chapter No.	Chapter Name
Periodic Test – II	
6	Linear Inequalities
7	Permutations and Combinations
8	Binomial Theorem
Periodic Test - III	
9	Sequence and Series
10	Straight Lines
11	Conic Sections
Annual Examination	
1	Sets Theory
2	Relations and Functions
3	Trigonometric Functions
4	Principle of Mathematical Induction
5	Complex Numbers
6	Linear Inequalities
7	Permutations and Combinations
8	Binomial Theorem
9	Sequence and Series
10	Straight Lines
11	Conic Sections
12	Introduction of 3D Geometry
13	Limits and Derivatives
14	Statistics
15	Probability

Biology (044)

Chapter No.	Title
Periodic Test - II	
2	Biological Classification
3	Plant Kingdom (till Algae)
Periodic Test – III	
13	Photosynthesis in Higher Plants
14	Respiration in Plants
Annual Examination	
3	Plant Kingdom
4	Animal Kingdom
6	Anatomy of Flowering Plants
7	Structural Organisation in Animals
8	Cell The Unit of life
9	Biomolecules
10	Cell Cycle and Cell Division
13	Photosynthesis in Higher Plants
14	Respiration in Plants
15	Plant Growth and Development
17	Breathing and Exchange of Gases
18	Body Fluids and Circulation
19	Excretory Products and their Elimination
20	Locomotion and Movement
21	Neural control and Coordination
22	Chemical Coordination and Integration

Business Studies (054)

S. No.	Title
Periodic Test - II	
1	Social Responsibility
2	Small Business
Periodic Test – III	
1	Sources of Business Finance
2	Internal Trade
Annual Examination	
1	Nature and Purpose of Business
2	Forms of Business Organisation
3	Public, Private and Global Enterprise
4	Business Services
5	Emerging Modes of Business
6	Social Responsibility
7	Small Business
8	Sources of Business Finance
9	Internal Trade
10	International Trade

Accountancy (055)

S. No.	Title
Periodic Test - II	
1	Depreciation
2	Provision and Reserve
3	Capital and Revenue
Periodic Test – III	
1	Bank Reconciliation Statement
2	Rectification of Errors
3	Accounting for GST
Annual Examination	
1	Meaning , Objectives, Scope of Accounting
2	Basic Accounting Terms
3	Accounting Principles
4	Process and Bases of Accounting
5	Accounting Equations
6	Double Entry System
7	Source Documents
8	Journal
9	Accounting for GST
10	Cash Book
11	Subsidiary Books
12	Ledger
13	Trial Balance and Errors
14	Accounting Standards
15	Bank Reconciliation Statement
16	Depreciation
17	Provision and Reserve
18	Rectification of Errors
19	Capital and Revenue
20	Financial Statements
21	Financial Statements with Adjustment

Economics (030)

Unit/ Chapter

Periodic Test – II

Statistics

Chapter- **Organisation of Data**: Meaning and types of variables; Frequency Distribution.

Chapter - **Presentation of Data**: Tabular Presentation

Micro Economics

Chapter: **Theory of supply and Elasticity of Supply**: Supply, market supply, determinants of supply, supply schedule, supply curve and its slope, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply - percentage-change method.

Periodic Test – III

Statistics

Chapter- **Diagrammatic Presentation of Data**:

i) Geometric forms (bar diagrams and pie diagrams)

ii) Frequency diagrams (histogram, polygon and Ogive)

Micro Economics

Chapter: **Cost**: Short run costs - total cost, total fixed cost, total variable cost; Average cost; Average fixed cost, average variable cost and marginal cost-meaning and their relationships.

Annual Examination

Part A: Statistics for Economics

Introduction: What is Economics? Meaning, functions and importance of statistics in Economics

Collection of data - sources of data - primary and secondary; how basic data is collected with concepts of Sampling; methods of collecting data; some important sources of secondary data:

Organisation of Data: Meaning and types of variables; Frequency Distribution.

Tabular Presentation + Diagrammatic Presentation of Data

- (i) Geometric forms (bar diagrams and pie diagrams),
- (ii) Frequency diagrams (histogram, polygon and Ogive)
- (iii) Arithmetic line graphs (time series graph).

Measures of Central Tendency- Arithmetic mean, median and mode

Correlation – Meaning, Types and Degrees, Measures of correlation – Karl Pearson's method, Spearman's rank correlation.

Introduction to Index Numbers- Meaning, uses of index numbers; Methods of constructing Index Numbers, Wholesale price index, Consumer Price Index

Part B: Introductory Microeconomics

Introduction

Meaning of microeconomics and macroeconomics; What is an economy? Central problems of an economy: what, how and for whom to produce; concepts of production possibility frontier.

Consumer's equilibrium - meaning of utility, marginal utility, law of diminishing marginal utility, Indifference curve analysis of consumer's equilibrium-the consumer's budget (budget set and budget line), preferences of the consumer (indifference curve, indifference map).

Demand, Determinants of demand, demand schedule, demand curve, movement along and shifts in the demand curve; price elasticity of demand - measurement of price elasticity of demand – percentage-change method

UNIT: PRODUCER BEHAVIOUR AND SUPPLY

Supply - Meaning, supply schedule, supply curve, Determinants of supply, movements along and shifts in supply curve, Price elasticity of supply; Measurement of price elasticity of supply - percentage-change method.

Production Function – Short-Run and Long-Run Total Product, Average Product and Marginal Product, Returns to a Factor

Cost: Short run costs - total cost, total fixed cost, total variable cost; Average cost; Average fixed cost, Average variable cost and marginal cost-meaning and their relationships.

Revenue - Total, Average and Marginal Revenue - Meaning and their relationship.

Producer Equilibrium – Marginal Cost – Marginal Revenue Approach.

UNIT: FORMS OF MARKET AND PRICE DETERMINATION UNDER PERFECT COMPETITION WITH SIMPLE APPLICATIONS.

Perfect competition market - Features; Determination of market equilibrium and effects of shifts in demand and supply. Price ceiling, price floor.

History (027)

Theme	Title	
Periodic Test - II		
7	Changing Cultural Traditions	
Periodic Test – III		
9	The Industrial Revolution	
Annual Examination		
11	Paths To Modernization	
10	Displacing Indigenous Peoples	
9	Industrial Revolution	
7	Changing Cultural Traditions	
From Term-I:-		
6	The Three Orders	From chapters included in the Syllabus
	Source based questions	
	Map Work	
	Objective type & picture based questions	
NOTE- All topics from given Chapters will be assessed in above mentioned Exams, excluding the deleted portion, as per CBSE guidelines and Syllabus attached.		
It also includes PT-I, PT-II, PT-III and Half Yearly Exam syllabus		

Political Science (028)

Chapter/Unit	Title
Periodic Test – II	
Part A: Indian Constitution at Work	
3	The Legislature
Part B: Political Theory	
10	Equality
11	Justice
Periodic Test – III	
Part A: Indian Constitution at Work	
4	The Executive
5	The Judiciary
Part B: Political Theory	
12	Rights
Annual Examination	
Part A: Indian Constitution at Work	
1	Constitution
2	Election and Representation
3	The Legislature
4	The Executive
5	The Judiciary
6	Federalism
7	Local Governments
Part B: Political Theory	
8	Political Theory: An Introduction
9	Liberty
10	Equality
11	Justice
12	Rights
13	Citizenship
14	Nationalism
15	Secularism

Geography (029)

Text Book	Chapter No./Name	Topics
Periodic Test – II		
Text Book-1 Fundamental of Physical Geography	Chapter-6- Geomorphic Process	<ul style="list-style-type: none"> • Meaning & Process of Endogenic and Exogenic forces • Types of Weathering
	Chapter-8- Composition and Structure of Atmosphere	<ul style="list-style-type: none"> • The entire content of the Chapter
	Chapter-9- Solar Radiation, Heat Balance and Temperature	<ul style="list-style-type: none"> • Solar Radiation • Variability of insolation at the surface of the Earth • Heating and cooling of Atmosphere • Terrestrial Radiation • Heat Budget • Factor controlling Temperature distribution • Inversion of Temperature
India Political Map (Demographic Aspects)	<ul style="list-style-type: none"> • State with high level of urbanised and low level of urbanised • One state higher and lower level HDI • Highest density and lowest density state • One out and one in migrating state • One state highest and lowest populated • Any city with more than 10 million population 	
Periodic Test – III		
Text Book	Chapter No./Name	Topics
Text Book-1 Fundamentals of Physical Geography	Chapter 10 Atmospheric Circulation and Weather System	<ul style="list-style-type: none"> • Atmospheric Pressure • Forces affecting the velocity and direction of wind • Extra Tropical and Tropical Cyclones
Text Book-2 India Physical Environment	Chapter 4 Climate	<ul style="list-style-type: none"> • Factor determining climate of India • Indian Monsoon- Mechanism, Onset, Withdrawal
	Chapter 5 Natural Vegetation	<ul style="list-style-type: none"> • Wildlife :- Conservation & Biosphere Reserves
World Physical Map (Major Sea Ports and	<ul style="list-style-type: none"> • Asia:- Shanghai, Hong Kong, Aden, Karachi, Kolkata • Europe:- North Cape, London • North America:- Vancouver, San Francisco, New 	

Ocean Currents) (Identification)	<p>Orleans</p> <ul style="list-style-type: none"> ● South America:- Rio De Janeiro, Colon ● Australia:- Perth, Sydney, Melbourne ● Africa:- Suez and Cape Town ● Cold Ocean Currents: - Labrador, Oyashio, Humboldt, Falkland, Canaries, Banguela. ● Warm Ocean Currents:- Gulf Stream, Aughas, Kuroshio
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Annual Examination

Text Book-1 Fundamentals of Physical Geography	Chapter 3 Interior of the Earth	<ul style="list-style-type: none"> ● Indirect Sources ● Earthquake (Waves, Measuring Earthquake wave, Effects of Earthquake) ● Structure of The Earth (Crust, Mantle, Core)
	Chapter 4 Distribution of Oceans and Continents	<ul style="list-style-type: none"> ● Continental Drift Theory and their Evidence ● Concept of Sea Floor Spreading ● Plate Tectonics and Types of Plate Boundaries
	Chapter 6 Geomorphic Process	<ul style="list-style-type: none"> ● Meaning & Process of Endogenic and Exogenic forces ● Types of Weathering
	Chapter 8 Composition and Structure of Atmosphere	<ul style="list-style-type: none"> ● The entire content of the Chapter
	Chapter9 Solar Radiation, Heat Balance and Temperature	<ul style="list-style-type: none"> ● Solar Radiation ● Variability of insolation at the surface of the Earth ● Heating and cooling of Atmosphere ● Terrestrial Radiation ● Heat Budget ● Factor controlling Temperature distribution ● Inversion of Temperature
	Chapter 10 Atmospheric Circulation and Weather System	<ul style="list-style-type: none"> ● Atmospheric Pressure ● Forces affecting the velocity and direction of wind ● Extra Tropical and Tropical Cyclones

	Chapter 11 Water in the Atmosphere	<ul style="list-style-type: none"> The entire content of the Chapter
	Chapter 13 Water (Oceans)	<ul style="list-style-type: none"> Hydrological Cycle Division of the Ocean Floors Factors affecting Temperature Distribution Thermocline
	Chapter 14 Movements of Ocean Water	<ul style="list-style-type: none"> The entire content of the Chapter
Text Book – 2 India Physical Environment	Chapter 2 Structure and Physiography	<ul style="list-style-type: none"> Physiographic Division of India Northern Mountain, Northern Plain, Peninsular Plateau Indian Desert, Coastal Plains, Islands
	Chapter 3 Drainage System	<ul style="list-style-type: none"> Features of Drainage Drainage Pattern River system of Himalayan Drainage River system of Peninsular Drainage
	Chapter 4 Climate	<ul style="list-style-type: none"> Factor determining climate of India Indian Monsoon- Mechanism, Onset, Withdrawal
	Chapter 5 Natural Vegetation	<ul style="list-style-type: none"> Wildlife :- Conservation & Biosphere Reserves
India Political Map (Locate and Labelling)	1) (Ch.3) Drainage- Northern Plain Rivers and Peninsular Rivers 2) (Ch.2) Physiography Division of India 3) (Ch.5) National Park and Biosphere Reserve of India:- Kaziranga, Gir Forest, Kanha, Sariska, Ranthambore, Jim Corbett, Nilgiri, Nanda Devi, Manas, Norkrek, Simillipal, Pachmarhi, Gulf of Mannar, Sunderban, Panna	
World Political Map (Identification)	<ul style="list-style-type: none"> Plate Tectonics: - Nazca, Cochoas, Arabian, Mid Atlantic Ridge, Philippines. Cold Ocean Currents:- Labrador, Oyashio, Humboldt, Falkland, Canaries, Banguela, Warm Ocean Currents:- Gulf Stream, Auglhas, Kuroshio Major International Air Ports:- <ol style="list-style-type: none"> Europe:- Moscow, London, Paris, Berlin and Rome North America:- Chicago, New Orleans, Mexico City South America:- Buenos Aires, Santiago Africa:- Johannesburg and Nairobi Asia:- Tokyo, Beijing, Mumbai, Jeddah, Aden Australia:- Darwin 	
Syllabus as per CBSE Curriculum 2022-23.		

Informatics Practices (065)

Periodic Test – II	
NCERT Book	
Chapter No	Title
2	Emerging Trends
4	Working with lists and dictionaries
Periodic Test – III	
6	Introduction to NumPY
8	Introduction to Structured Query Language (SQL)
Annual Examination	
1	Computer System
2	Emerging Trends
3	Brief Overview of Python
4	Working with lists and dictionaries
6	Introduction to NumPY
7	Database Concepts
8	Introduction to Structured Query Language (SQL)

Psychology (037)

Chapter No	Title
Periodic Test – II	
6	Learning (Complete Chapter)
Periodic Test – III	
7	Human Memory (Complete Chapter)
Annual Examination	
1	What is Psychology
2	Methods of Enquiry in Psychology
4	Human Development
8	Thinking
9	Motivation and Emotion

Applied Mathematics (241)

Periodic Test – II	
Chapter No	Title
6	Sequence and Series
7	Permutations and Combinations
Periodic Test – III	
8	Logical Reasoning
9	Functions
15	Taxation
16	Utility Bills
17	Straight Lines
18	Circle and Parabola
Annual Examination	
1	Numbers
2	Indices and Logarithms
3	Quantitative Aptitude
4	Mensuration
5	Sets and Relations
6	Sequence and Series
7	Permutations and Combinations
8	Logical Reasoning
9	Functions
10	Limit and Continuity
11	Differentiation
12	Probability
13	Descriptive Statistics
14	Compound Interest and Annuity
15	Taxation
16	Utility Bills
17	Straight Lines
18	Circle and Parabola

Physical Education (048)

Chapter/Unit	Title
Periodic Test – II	
Unit-IV	Physical Education & Sports for CWSN
Unit - VI	Test & Measurement & Evaluation
Periodic Test – III	
Unit-VII	Fundamental of Anatomy Physiology in Sports
Unit - VIII	Fundamental of Kinesiology and Biomechanics in sports
Annual Examination	
Unit - I	Changing Trends & career in Physical Education
Unit - II	Olympism
Unit - III	Yoga
Unit - IV	Physical Education & Sports for CWSN
Unit - V	Physical fitness, Health & Wellness
Unit - VI	Test & Measurement & Evaluation
Unit - VII	Fundamental of Anatomy Physiology in Sports
Unit - VIII	Fundamental of Kinesiology and Biomechanics in sports
Unit - IX	Psychology & sports
Unit – X	Training & Doping in Sports

Commercial Art (052)

S.No	Title
Periodic Test – II	
1	Art of Ajanta
2	Indian Temple Sculptures
Periodic Test – III	
1	Indian Bronze Sculpture
2	Indo Islamic Architecture
Annual Examination	
Unit 1	Pre-historic rock paintings and Art of Indus valley
Unit 2	Buddhist, Jain and Hindu Art
Unit 3	Temple sculptures, Bronzes and Indo Islamic Architecture
