



INDIAN SCHOOL BOUSHER

ACADEMIC YEAR 2022-23

GRADE XI



SYLLABUS FOR TERM END ASSESSMENT - 1

The TERM END ASSESSMENT- 1 for Grade XI will be conducted from 1st December 2022 to 13th December 2022 (Science Stream) / 1st December 2022 to 11th December 2022 (Commerce Stream).

Duration: 3 hours + 10 minutes Reading Time

Format of the test paper: As per CBSE Pattern

Students must attempt all questions within the stipulated time frame allotted for the test.

ENGLISH		
S.NO.	NAME OF THE CHAPTERS	SUB TOPICS
1.	Reading Comprehension	
2.	Note Making and Summarization	Note Making and Summarization based on a passage of approximately 200-250 words.
GRAMMAR		
4.	Questions on Gap filling Questions on re-ordering transformation of sentences	Tenses, Clauses
5.	Writing	<ul style="list-style-type: none">• Poster Writing• Speech Writing• Debate Writing• Article Writing
LITERATURE		
Hornbill		
6.	<ul style="list-style-type: none">• The Portrait of a Lady (Prose)• A Photograph (Poem)• "We're Not Afraid to Die... if we can be together"• Discovering Tut: The Saga Continues• The Laburnum Top (Poem)• The Voice of the Rain (Poem)	<ul style="list-style-type: none">• Reference to the Context• Short and Very Long Answer Questions

Snapshots

7	<ul style="list-style-type: none">• The Summer of the Beautiful White Horse (Prose)• The Address (Prose)	<ul style="list-style-type: none">• Reference to the Context• Short and Very Long Answer Questions
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BIOLOGY

S.NO	NAME OF THE CHAPTERS	SUB TOPICS
1	CH-6 Anatomy of flowering plants	Tissues, Tissue system, Anatomy of dicot and monocot plants.
2	CH-7 Structural organisation in Animals	Morphology, Anatomy and functions of different systems of frog
3	CH-8 Cell: The Unit of life	Cell theory, Prokaryotic cell, Eukaryotic cell.
4	CH-9 Biomolecules	Biomolecules, structure and function of proteins, carbohydrates, lipids, nucleic acids; Enzyme - types, properties, enzyme action.
5	CH-10 Cell cycle and cell Division	Cell cycle, Mitosis, Meiosis and their significance.
6	CH-17 Breathing and exchange of gases	Respiratory organs, Mechanism of breathing, exchange and transport gases, Regulation and disorders.

PHYSICS

S.NO.	NAME OF THE CHAPTERS	SUB TOPICS
1	Physical World and Measurement	Units and Measurements
2	Kinematics	Motion in a Straight Line
3	Motion in a Straight Line	Motion in a Straight Line
4	Laws of Motion	Laws of Motion
6	Work, Energy and Power	Work, Energy and Power

CHEMISTRY

S.NO.	NAME OF THE CHAPTERS	SUB TOPICS
1	2. Structure of Atom	Full Chapter
2	4. Chemical Bonding and Molecular Structure	Full Chapter
3	3. Classification of Elements and Periodicity in Properties	Full Chapter
4	1. Some Basic Concepts of Chemistry	Mole Concept and Resonance
6	8. Redox Reactions	Concept of oxidation and reduction, redox reactions, oxidation number

MATHEMATICS

S.NO.	NAME OF THE CHAPTERS	SUB TOPICS
1	LINEAR INEQUALITIES	Linear inequalities, Algebraic solutions of linear inequalities in one variable and their representation on the number line.
2	SEQUENCE AND SERIES	Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M.
3	PERMUTATIONS AND COMBINATIONS	Fundamental principle of counting Factorial notation Permutations and combinations Simple applications
4	BINOMIAL THEOREM	Binomial Theorem for Positive Integral Indices
5	STRAIGHT LINES	Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point -slope form, slope-intercept form, two-point form, intercept form, Distance of a point from a line.

COMPUTER SCIENCE

S.NO.	NAME OF THE CHAPTERS	SUBTOPICS
1	Getting started with Python	Keywords Identifiers Variables Comments Objects Data Types Operators Expressions Input and Output Type Conversion Debugging
2	Flow of Control	Selection Indentation Repetition Break and Continue Statements
3	Functions	Modules
4	Strings	Introduction Strings and Operations Traversing a String String methods and built-in Functions
5	Lists	Introduction to Lists List Operations Traversing a List List Method and Built-in Functions Nested Lists Copying Lists
6	Tuples and Dictionaries	Introduction to Tuples and Operations Tuple methods and Built-in Functions Tuple Assignment and Nested Tuple Introduction to Dictionaries Dictionary Operation and Traversing Dictionary Methods and Built-in Functions

PSYCHOLOGY

S.NO.	NAME OF THE CHAPTERS	SUBTOPICS
1	WHAT IS PSYCHOLOGY	<ul style="list-style-type: none">• WHAT IS PSYCHOLOGY• UNDERSTANDING MIND AND BEHAVIOUR• POPULAR NOTIONS ABOUT THE DISCIPLINE OF PSYCHOLOGY• EVOLUTION OF PSYCHOLOGY• DEVELOPMENT OF PSYCHOLOGY IN INDIA• BRANCHES OF PSYCHOLOGY• PSYCHOLOGY IN EVERYDAY LIFE
2	METHODS OF ENQUIRY IN PSYCHOLOGY	<ul style="list-style-type: none">• GOALS OF PSYCHOLOGICAL ENQUIRY• NATURE OF PSYCHOLOGICAL DATA• SOME IMPORTANT METHODS IN PSYCHOLOGY• ANALYSIS OF DATA• LIMITATIONS OF PSYCHOLOGICAL ENQUIRY• ETHICAL ISSUES
3	HUMAN DEVELOPMENT	<ul style="list-style-type: none">• MEANING OF DEVELOPMENT• FACTORS INFLUENCING DEVELOPMENT• CONTEXT OF DEVELOPMENT• OVERVIEW OF DEVELOPMENTAL STAGES
4	SENSORY, ATTENTIONAL AND PERCEPTUAL PROCESSES	<ul style="list-style-type: none">• KNOWING THE WORLD• NATURE AND VARIETIES OF STIMULUS <p>SENSE MODALITIES</p> <ul style="list-style-type: none">• ATTENTIONAL PROCESSES• PERCEPTUAL PROCESSES• THE PERCEIVER• PRINCIPLES OF PERCEPTION <p>ORGANIZATION</p> <ul style="list-style-type: none">• PERCEPTION OF SPACE, DEPTH AND DISTANCE <ul style="list-style-type: none">• PERCEPTUAL CONSTANCIES• ILLUSIONS• SOCIO CULTURAL INFLUENCES ON PERCEPTION

GRADE 11 B (APPLIED MATH)**MATHEMATICS**

S.NO.	NAME OF THE CHAPTER	SUB TOPIC
1	SETS	Representation of sets, Types of sets, Subsets, Intervals, Venn diagrams, Operations on Sets
2	RELATIONS	Ordered pairs, Cartesian product of two sets, Relations.
3	SEQUENCES AND SERIES	Sequences and series, Arithmetic Progression (General Term, Sum of n terms, AM), Geometric Progression (General Term, Sum of n terms, GM), Applications of AP and GP.
4	PERMUTATIONS AND COMBINATIONS	Factorial, Fundamental principle of counting, Permutations and Combinations, Simple applications
5	MATHEMATICAL REASONING	Coding Decoding, Blood Relation, Odd man out, Syllogism.

ECONOMICS

NAME OF THE CHAPTER	SUB TOPIC
STATISTICS	INTRODUCTION, COLLECTION OF DATA ORGANISATION OF DATA PRESENTATION OF DATA MEASURES OF CENTRAL TENDENCY MEAN, MEDIAN AND MODE
INTRODUCTORY MICROECONOMICS	INTRODUCTION CONSUMER'S EQUILIBRIUM DEMAND ELASTICITY OF DEMAND PRODUCTION FUNCTION COST REVENUE SUPPLY

PHYSICAL EDUCATION (048)

S.NO.	NAME OF THE CHAPTER	SUBTOPIC
1.	Unit I Changing Trends & Career in Physical Education	<ul style="list-style-type: none"> ● Concept, Aims & Objectives of Physical Education ● Changing Trends in Sports- playing surface, wearable gear and sports equipment, technological advancements ● Career Options in Physical Education ● Khelo-India and Fit-India Program
2.	Unit II Olympism	<ul style="list-style-type: none"> ● Ancient and Modern Olympics ● Olympism – Concept and Olympics Values (Excellence, Friendship & Respect) ● Olympics - Symbols, Motto, Flag, Oath, and Anthem ● Olympic Movement Structure - IOC, NOC, IFS, Other members
3.	Unit III Yoga	<ul style="list-style-type: none"> ● Meaning & Importance of Yoga ● Introduction to Ashtanga Yoga ● Introduction to Yogic Kriyas (Shat Karma)
4.	Unit IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang)	<ul style="list-style-type: none"> ● Concept of Disability and Disorder ● Types of Disability, its causes & nature (Intellectual disability, Physical disability) ● Aim & Objective of Adaptive Physical Education ● Role of various professionals for children with special needs (Counsellor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist & Special Educator)
5.	Unit V Physical Fitness, Health and Wellness	<ul style="list-style-type: none"> ● Meaning and Importance of Wellness, Health, and Physical Fitness ● Components/Dimensions of Wellness, Health, and Physical Fitness ● Traditional Sports & Regional Games for promoting wellness
6.	Practical	<ul style="list-style-type: none"> ● Physical Fitness Test: SAI Khelo India Test, Brockport Physical Fitness Test (BPFT) ● Proficiency in Games and Sports ● (Skill of any one IOA recognised Sport/Game of Choice) ● Yogic Practices ● Record File ● Viva Voce (Health/ Games & Sports/ Yoga)

**ENTREPRENEURSHIP
(GRADE XI-B)**

S.NO	NAME OF THE CHAPTER	SUB TOPIC
1.	Unit 1 – Entrepreneurship : Concept and Functions	Entrepreneurship- meaning ,myths, need functions of an entrepreneur, Process, advantages and limitations of Entrepreneurship.
2.	Unit 2 – An Entrepreneur	Types of an Entrepreneur, , Entrepreneurial Values, Attitudes and Motivation and Intrapreneurship.
3.	Unit 3 – Entrepreneurial Journey	Business Ideas, Feasibility Study, Business Plan Preparation and Execution and Women Entrepreneurs.
4.	Unit 4- Entrepreneurship as Innovation and Problem Solving	Social Entrepreneurs-Meaning, Characteristics and examples, role of technology ,barriers to entrepreneurship , Help and support provided by government.
5.	Unit 5- Concept of Market	Market – meaning , E –Business and E- commerce, Analysing the Market Environment, Researching the market, Expanding Market, Marketing mix

**BUSINESS STUDIES
(GRADE XI-B)**

S.NO	NAME OF THE CHAPTERS	SUB TOPICS
1.	Chapter 1- Business, Trade and Commerce	Business, profession and employment- Concept, Classification of Business Activities, Objectives of Business and Business Risks
2.	Chapter 2 - Forms of Business Organisation	Sole Proprietorship, Partnership, JHUF, Co-operative Society, Joint Stock Company- Concept, Types, merits and limitations. Choice of Form of Business Organisation

3.	Chapter 3 - Private, Public and Global Enterprises	<p>Public sector and private sector enterprises – Concept.</p> <p>Forms of public sector enterprises: Departmental Undertakings, Statutory Corporations and Government Company</p> <p>Global Enterprises – Features, Public private partnership, Joint ventures – concept</p>
4.	Chapter 4- Business Services	<p>Business services – meaning and types. Banking: Types of bank accounts. Banking services with Bank Draft, Bank Overdraft, Cash credit. E-Banking meaning, Types of digital payments. Insurance – Principles. Types – life, health, fire and marine insurance – concept</p>
5.	Chapter 7- Formation of company	<p>Formation of company - stages, important documents to be used in formation of a company</p>
6.	Chapter 8- Sources of Finance	<p>Concept of business finance</p> <p>Owners' funds- equity shares, preferences share, retained earnings</p> <p>Borrowed funds: debentures and bonds, loan from financial institution and commercial banks, public deposits, trade credit, Inter Corporate Deposits (ICD)</p>
7.	Chapter 9- Small Business and Entrepreneurship	<p>Entrepreneurship Development (ED): Concept, Characteristics and Need. Process of Entrepreneurship Development: Start-up India Scheme, ways to fund start-up. Intellectual Property Rights and Entrepreneurship</p>

**ACCOUNTANCY
(GRADE XI-B)**

S.NO	NAME OF THE CHAPTER	SUB TOPIC
1.	Chapter 1- Introduction to Accounting	Accounting-Meaning, features, role, objectives, qualitative characteristics, advantages and limitations. Basic Accounting terms.
2.	Chapter 2- Theory Base of Accounting	GAAP, Basic accounting concepts, systems and basis of accounting, Accounting Standards-Applicability on Ind-AS, GST
3.	Chapter 3- Recording of Transaction-1	Source Vouchers, Accounting Equation, Rules of Debit and Credit, Books of Original Entry, The Ledger
4.	Chapter 4- Recording of Transaction-2	Special purpose books- Cash book and other books.
5.	Chapter 5-Bank Reconciliation Statement	Need for reconciliation and preparation of BRS
6.	Chapter 6 -Trial balance and rectification of errors	Meaning of Trial Balance. Objectives of Preparing the Trial Balance, Preparation of Trial Balance, Significance of Agreement of Trial Balance, Searching of Errors, Rectification of Errors