

METHODIST HIGH SCHOOL
(I.C.S.E.BOARD)

SYLLABUS
2020-2021
CLASS-X-A/B/C

ENGLISH LANGUAGE

| <u>Term-1</u> | <u>Term-2</u> |
|--|---|
| Composition Letters (Formal and Informal) Comprehension Passage Grammar – Verb forms Transformation of Sentences Notice and Email Writing Preposition Test Paper I - 10 | Comprehension Passage Composition Letters (Formal / Informal) Notice and Email Writing Verb forms Transformation of Sentences Preposition Test Paper 11 – 20 |

ENGLISH LITERATURE

| <u>TERM 1</u> | <u>TERM 2</u> |
|--|---|
| Merchant of Venice Act I to Act IV Scene II The Little Match Girl The Patriot Abu Ben Adhem Everything done in Class IX included | Merchant of Venice Act V. The Greatest Olympic Prize All Summer In A Day Nine Gold Medals Everything done in Term 1 |

GEOGRAPHY

| <u>TERM 1</u> | <u>TERM 2</u> |
|--|--|
| Chapter no .1. Climate Chapter no. 2..Soil resources Chapter no. 3. Natural vegetation Chapter no.4. Water resources Chapter no. 5. Transport No 6. Maps of India | 1. All chapters of Term. 1 2. Chapter no..6... Mineral resources , Conventional and Non conventional sources of energy 3 Chapter no..7...Agriculture ..cash crops ,food crops 4 Chapter no 8.. Industries ,Agro based ,Mineral based 5 Chapter no 9... Waste Management (all four topics) • Maps of India |

HISTORY

| <u>TERM 1</u> | <u>TERM 2</u> |
|--|--|
| 1. The First War of Independence 2. Rise of Nationalism and Birth of the Congress 3. Objectives and Methods of the Early Nationalists 4. Rise of the Radicals 5. Formation of the Muslim League and the Home Rule Movement 6. The National Movement (1919-1934) 7. The Quit India Movement | 1. Subhas Chandra Bose and the Indian National Army 2. Independence and the Partition of India 3. The First World War (1914-1918) 4. Rise of Dictatorships and the Second World War 5. The United Nations Organization 6. Major Agencies of the United Nations 7. The Non-Aligned Movement |

CIVICS

1. The Union Legislature
2. The President and the Vice President
3. The Prime Minister and the Council of Ministers

PROJECT WORK- (FILE WORK)

Present a life sketch and contributions of any one of the following Presidents of India- Dr Rajendra Prasad, Dr S Radhakrishnan and Dr A P J Abdul Kalam (or any other)

CIVICS

1. The Supreme Court
2. The High Court and the Subordinate Courts

PRELIM 1 – ALL LESSONS OF TERM 1 AND TERM 2

PRELIM 2 – ALL LESSONS OF TERM 1 AND TERM 2

MATHS

TERM 1

1. Linear Inequations
2. Quadratic Equations
3. Solving Problems
4. Ratio and Proportion
5. Remainder and Factor Theorem
6. Matrices
7. Arithmetic Progression
8. Goods and Service Tax
9. Banking
10. Trigonometrical Identities
11. Heights and Distance
12. Graphical Representation
13. Measure of central Tendency

TERM 2

1. Probability
2. Reflection
3. Section and Mid-Point Formula
4. Equation of a line
5. Similarity
6. Circles
7. Tangents and intersecting chords
8. Construction (Circles)
9. Cylinder, Cone and Sphere

PHYSICS

TERM 1

- 1) FORCE
- 2) WORK, ENERGY AND POWER
- 3) MACHINES
- 4) REFRACTION OF LIGHT AT PLANE SURFACES
- 5) REFRACTION THROUGH A LENS
- 6) SPECTRUM
- 7) SOUND

TERM 2

- 1) CALORIMETRY
- 2) CURRENT ELECTRICITY
- 3) HOUSEHOLD CIRCUITS
- 4) ELECTRO MAGNETISM
- 5) RADIOACTIVITY

CHEMISTRY

| TERM 1 | PRELIMS |
|--|---|
| 1.Periodic table 2.Chemical bonding 3. Acid, bases and salts 4.Analytical chemistry 5. Mole concept 6.Electrolysis 7. Study of HCl | 1.Periodic table 2.Chemical bonding 3. Acid,bases and salts 4.Analytical chemistry 5. mole concept 6. Electrolysis 7. Metallurgy 8.Study of compounds Hydrochloric acid Ammonia Nitric acid Sulphuric acid 9. Organic chemistry 10. Practical work |

BIOLOGY

| TERM 1 | TERM 2 |
|---|---|
| Chapter 2: Structure of chromosomes, Cell Cycle and Cell Division Chapter 3: Genetics Chapter 4: Absorption by Roots Chapter 5: Transpiration Chapter 6: Photosynthesis | Chapter 8: The Circulatory System Chapter 9: The Excretory System Chapter 10: The Nervous System Chapter 11: Sense Organs Chapter 12: The Endocrine System Chapter 13: The Reproductive system • Prelims - Term I + Term II |

COMPUTER

Term-1

1. Revision of class IX Syllabus
 - i) Elementary concept of Objects and classes
 - ii) Values and types
 - iii) conditional and Iterative Statements
2. String Handling(Using Library Classes)
3. Arrays and its operations(Only Linear arch and Bubble Sort- No 2D array)

Note : Theory Paper :100 Marks and Practical/Project : 30 marks

Pre-Prelims and Prelims

1. Functions / Methods
2. Constructors

3. Class as user defined Type

4. Entire syllabus revision & programming practices

5. Guidelines for Project work

Note : Theory Paper : 100 Marks and Project work : 100 marks

HINDI

Term – I

Section - A

निबन्ध, कहानी

पत्र – औपचारिक, अनौपचारिक

चित्र लेखन

अपठित गद्यांश

शब्द भंडार

वाक्य परिवर्तन

Section - B

Book- साहित्य सागर

1. भेडे और भेड़िए
2. दो कलाकार
3. बात अठन्नी की
4. नेता जी का चश्मा

कविता –

1. विनय के पद
2. मेघ आए
3. स्वर्ग बना सकते हैं
4. गिरधर की कुड़ालियाँ

Term – II

Section - A

निबन्ध, कहानी

पत्र – औपचारिक, अनौपचारिक

चित्र लेखन

अपठित गद्यांश

शब्द भंडार

वाक्य परिवर्तन

Section - B

Book- साहित्य सागर

1. काकी
2. महायज्ञ का पुरस्कार
3. बड़े घर की बेटी

कविता –

1. साखी
2. सूर के पद
3. चलना हमारा काम

Note –Full course will be included in final exam.

COMMERCIAL STUDIES

| <u>TERM 1</u> | <u>TERM 2</u> |
|---|---|
| <p>1. Stakeholders in Commercial Organisations (a) Meaning of stakeholder, types: Internal Sales promotion – meaning and techniques; difference between advertising and sales promotion. (e) Consumer Protection Consumer Protection Act (1986); features of the Act, rights of a consumer, Consumer exploitation; meaning and types, Importance of consumer awareness. (f) E-commerce Introduction and benefits over traditional methods of transactions, E-tailing, E - advertising, E-marketing and E-security (meaning only). ERP and its modules (brief concept). (shareholder, employee and employer – meaning of each) and External stakeholders (supplier, creditor, government and society – meaning of each); differences between internal and external stakeholders. (b) Expectations of employers (owners and managers), employees, creditors and suppliers, government and society from a commercial organization.</p> <p>2. Marketing and Sales (a) Marketing Meaning and objectives of marketing. Difference between marketing and sales. (b) Product and service Meaning and difference between a product and a service (with examples). (c) Pricing Meaning and objectives (d) Advertising and Sales promotion Advertising: meaning, importance of advertising; merits and demerits, difference between advertising and publicity. Advertising Agency; meaning and functions only, Social advertising media - Concept and examples only.</p> <p>3. Finance and Accounting (a) Capital and Revenue Capital and revenue receipts, capital and revenue expenditure (meaning, difference and examples) deferred revenue expenditure (meaning and examples)</p> | <p>5. Banking (i) Central Bank Central Bank: Meaning and functions, Difference between the Central Bank and Commercial Banks. (ii) Internet Banking Modes of transferring money / Net Banking: NEFT, RTGS, IMPS, mobile wallets: meaning only. ATM, Credit & Debit cards- meaning & difference, caution to be taken while using these cards. (iii) Financial fraudulent practices Credit card fraud, false accounting, insurance fraud, intellectual property fraud, internet and cyber fraud. A brief understanding of these types of financial fraud. Revision of first term and second term.</p> |

(b) Final accounts of Sole Proprietorship
• Meaning and preparation of Trading account, Profit and Loss account and Balance sheet based on the given trial balance with the adjustment of closing stock only.

• (Preparation of manufacturing account, profit and loss on sale of assets, intangible and fictitious assets, prepaid and accrued expenses and incomes are excluded.)

2

(c) Sources of Finance

(i) Capital Market

Meaning and functions of Capital Market.

(ii) Sources of raising capital

Long term: Meaning of shares

(Types; preference and equity) and debentures, differences between the two.

Short term: loans from commercial banks (cash credit, overdraft, discounting of bills – meaning only).

4. Human Resources

Recruitment, selection and training.

(i) Recruitment – meaning; sources: internal and external; advantages and disadvantages of internal and external sources.

(ii) Selection - meaning and steps, types of selection tests.

(iii) Training – meaning, objectives and methods of training (on the job and off the job).

ECONOMIC APPLICATION

| <u>TERM 1</u> | <u>TERM 2</u> |
|---|--|
| CH-10. Banking: Commercial Banks & Central Bank CH-9. Money & Inflation CH-8. Public Sector Enterprises & Their Privatisation CH-7. The Role of State in Economic Development CH-6. Forms of Market Structure: Basic Concepts CH- 5. Factors of Production: Capital & Entrepreneur CH- 4. Factors of Production: Land & Labour | CH-3. Elasticity of Demand & Supply CH-2. Supply: Law of Supply & Determinants of Supply CH- 1. Demand: Law of Demand & Determinants of Demand *Term 2 also includes all the chapters of Term 1 |

FRENCH

| <u>TERM 1</u> | <u>TERM 2</u> |
|---|---|
| <ul style="list-style-type: none"> • Leçon 1 - la famille <ul style="list-style-type: none"> a) Les articles (définis/indéfinis/contracte/partitifs) b) Les verbes réguliers et irréguliers • Leçon 2 - Au Lycée <ul style="list-style-type: none"> a) Les nationalités b) Pluriels des noms c) Les adjectifs d) Les adjectifs possessifs e) Les adjectifs démonstratifs • Leçon 3 - Une journée de Pauline <ul style="list-style-type: none"> a) Quelle heure est-il ? b) Le message c) Un petit paragraphe d) L'invitation • Leçon 4 - Les saisons <ul style="list-style-type: none"> a) La future simple b) L'impératif c) Décrivez l'image • Leçon 5- Les voyages <ul style="list-style-type: none"> a) Les prépositions de lieux b) Trouvez les questions c) Le passe compose d) Le dialogue • Leçon 6 – Les loisirs et les sports <ul style="list-style-type: none"> a) Passe compose b) L'imparfait c) Mettez aux temps qui conviennent | <ul style="list-style-type: none"> • Leçon 6 – Les loisirs et les sports <ul style="list-style-type: none"> d) Passe compose e) L'imparfait f) Mettez aux temps qui conviennent • Leçon 7 – L'argent de poche <ul style="list-style-type: none"> a) La négation b) complément d'objet direct c) complément d'objet indirect • leçon 8 - Faire des achats <ul style="list-style-type: none"> a) le pronom en b) les expressions de quantité c) le conditionnel présent • Leçon 9 – Un dîner en famille <ul style="list-style-type: none"> a) Le pronom y b) Les adjectifs interrogatifs et les pronoms interrogatifs c) Le passe récent • Leçon 10 – La mode <ul style="list-style-type: none"> a) Les pronoms toniques b) Le comparatif c) Le superlatif d) Le pronom relatif <p>PRELIMS I & PRELIMS II</p> <ul style="list-style-type: none"> • Grammaire • Invitations • dialogues • Lettre • Grammaire • L'interrogation • Les pronoms personnels • Les temps : futur, passe, l'impératifs etc. • Compréhensions écrit • Composition • Rappelons • Term I + Term II |

PHYSICAL EDUCATION

TERM.1

THEORY

MAX.MARKS[100]

Section A

- Chapter.1 HUMAN GROWTH AND DEVELOPMENT.
Chapter.2 MEANING AND OBJECTIVES OF PHYSICAL EDUCATION.
Chapter .3 BODY TYPES.
Chapter 4. MEANING,COMPONENTS AND FACTORS OF PHYSICAL FITNESS

SECTION B

1. CRICKET 1-44 LAWS OF CRICKET.
2. FOOTBALL 1-20 LAWS OF FOOTBALL

SECTION B

Candidates will be required to answer questions on any two of the following team games.

Cricket, Football, Hockey, Basketball, Volleyball, Badminton.

PRACTICAL ASSESSMENTS

[100 MARKS]

PUSH UPS/ SIT UPS/ STANDING JUMP/ SHUTTLE RUN/ 50 METRE SPRINT/
600 METRE GIRLS-1000 METER BOYS/ SPECILISATION TESTS ON ANY TWO GAMES

Distance Run

TERM.2

Section A

- Chapter.5. MEANING,IMPORTANCE AND PRINCIPLES OF SPORTS TRAINING.
Chapter.6. SAFETY, PREVENTION OF SPORTS RELATED INJURIES.
Chapter.7. MEANING AND IMPORTANCE OF HEALTH EDUCATION, NUTRITION & DIET.
INCLUDED ALL CHAPTERS 1-4

Section B

1. CRICKET LAWS 1-44 OF

CRICKET

1. Knowledge of the game

2. Rules of the game

The Field of play: Diagram of the cricket field and pitch with measurements and specifications; The

Ball (Shape, Material, Circumference, Weight);

The Bat (Length, Width, Material); Stumps and

bails (Height, Width); The Players (Number of

players (playing eleven and substitutes);

Substitutions; The Players' Equipment;

Compulsory equipment; Types of matches (One

day, Five days, Four days and T20); Officials

and their duties (2 field umpires, 1 third umpire,

1 match referee and 2 scorers); The Ball in and

out of Play; Ways of a batsman getting out

3. Fundamental skills and technique

Batting (On drive, Off drive, Square cut and Leg

glance); Fielding (Close catching, Catching 'In

the outfield', Long barrier and Throwing);

Bowling (In swing, Out swing, Yorker and Full

toss); wicket- keeping (Footwork, Catching the

ball, and Diving)

4. Associated terminology

Maiden over, Hat trick, Extra,

Dead rubber, Seam bowling, Over,

No ball, Bouncer, Sight screen,

Bump ball, Danger area, Power play,

Overthrow, Declaration, Appeal, Bodyline Bowling, Dot ball, Substitute,
Dead ball, Ball-tampering, Century,
Follow-on, Golden duck, Nick,
Nightwatchman, Tailender, Pull shot,
Innings defeat, Cover drive, Innings,
Straight drive, Sweep shot, Hook shot,
Reverse sweep, Upper cut, Late cut,
Leg glance, Pull shot, Flick shot,
Beamer, Off cutter, Leg cutter,
Short pitch, Full length delivery,
Reverse swing,

5. National and International governing bodies of

Cricket

BCCI - Board of Control for Cricket in India

ICC - International Cricket Council

6. National and International tournaments

National Tournament: Ranji Trophy, Duleep
Trophy, Vijay Hazare Trophy, Deodhar Trophy,
Irani Trophy, Indian Premier League.

International Tournaments: ICC Cricket World
Cup, ICC champions Trophy, ICC World T20,
World Cricket League.

FOOTBALL [laws 1 to 22]

1. Knowledge of the game

2. Laws of the game

The Field of play: Diagram of the Field with
Measurements and Specifications, Height and
Width of Goalpost, Height of Corner flags

The Ball: Shape, Material, Circumference, weight,

Air pressure

The Players: Number of players (playing eleven
and substitutes), Number of substitutions allowed
in a match, Substitution procedure

The Players' Equipment, Compulsory Equipment

The Referee: Powers and Duties, Compulsory
Equipment, Referee signals

Other match officials: Assistant Referees: Duties
and Signals; Fourth official: Duties; Additional
assistant referee: Duties; Reserve assistant referee:
Duties

The Duration of the Match: Periods of play, Halftime interval, Allowance for time lost, Penalty kick,
Abandoned match

The Start and Restart of Play: Kick-off and its

Procedure (start, both halves, both halves of extra time and restarts play after a goal), Free kicks and
its Procedure (Direct and Indirect), Penalty Kicks
and its Procedure, Throw-in and its Procedure,
Goal kicks and its Procedure, Corner Kicks and its
Procedure

The Ball in and out of Play

Determining the outcome of a match: Goal scored,

Winning team, Kicks from the penalty mark

Offside: Offside position, Offside offence, No
offence

Fouls and Misconduct: Direct free kick, Indirect
free kick, Disciplinary action (Yellow card and Red
card), Restart of play after fouls and misconduct

3. Fundamental Skills and Technique

Passing (Short pass and Long pass); Trapping (Step trap, Inside trap, Thigh trap, Chest trap and Head trap); Shooting (Instep, Swerve shot, Chip and toe punt); Dribbling; Receiving; Heading; Tackle; Goalkeeping.

4. Terminology

Advantage, Zonal marking, Sliding Tackle, Through pass, Quarter Circle, Man to Man Marking, Additional time, Extra time, Nutmeg, One-on-one, Step over, Technical area, Volley, Half Volley, Attacker, Defender, Chip, Cross, Overlap, Lob, Banana Kick, Bicycle Kick, Wall Pass, Goal line technology (GLT)

5. National and International Governing Bodies

AIFF - All India Football Federation

FIFA - Federation Internationale de Football

Association

IFAB - International Football Association Board

6. National and International Tournaments

National Tournaments: Santosh Trophy, Subroto

Cup, Federation Cup, Durand Cup, I – League

International Tournaments: FIFA World Cup,

UEFA European Championship, AFC Cup

NEW PROJECT ON CRICKET AND FOOTBALL

PRACTICAL ASSESSMENTS

[100 MARKS]

PUSH UPS/ SIT UPS/ STANDING JUMP/ SHUTTLE RUN/ 50 METRE SPRINT/ Distance Run 600 METRE GIRLS-1000
METER BOYS/ SPECILISATION TESTS ON ANY TWO GAMES

**PRINCIPAL
METHODIST HIGH SCHOOL
KANPUR**