

METHODIST HIGH SCHOOL

Cambridge International
Examinations

SYLLABUS
2024-2025
CLASS-X-I

ENGLISH

<u>TERM 1</u>	<u>TERM 2</u>
<p>A: Writing:</p> <ol style="list-style-type: none"> 1. Comprehension 2. Summary Writing 3. Note –Making 4. Article Writing 5. Review writing 6. Newspaper Article writing 7. Letter writing/ e-mail writing 8. Report writing 9. Conversations 10. Dialogue 11. Monologue <p>B: Listening skills</p> <ol style="list-style-type: none"> 1. Factual information 2. Identifying relevant information 3. Identifying ideas 4. Implied forms (gist, purpose and intention) 5. Short Monologues 6. Short Phrases <p>C: Speaking skills</p> <ol style="list-style-type: none"> a. Communicate factual information b. Abstract ideas c. Use of linking devices d. conversations on science, arts and global issues e. Responses to show control of punctuations <p>D: Solving past year papers.</p>	<p>A: Writing:</p> <ol style="list-style-type: none"> 1. Comprehension 2. Blog writing 3. Informal email writing 4. Argumentative writing 5. leaflets 6. Webpage 7. Facts and opinion 8. Dialogue writing 9. Multiple Matching 10. Essay 11. Notice 12. Speech Writing <p>B: Listening skills</p> <ol style="list-style-type: none"> 1. Factual information 2. Identifying relevant information 3. Identifying ideas 4. Implied forms (gist, purpose and intention) 5. Multiple Choices <p>C: Speaking skills</p> <ol style="list-style-type: none"> a. Communicate factual information b. Abstract ideas c. Use of linking devices d. conversations on science, arts and global issues e. Responses to show control of punctuations <p>D: Solving past year papers. TERM 2 = TERM 1 + TERM 2</p>

MATHS

<u>Term 1</u>	<u>Term 2</u>
<ol style="list-style-type: none"> 1. Understanding measurements 2. Further solving of equations and inequalities 3. Scale drawings, bearings and trigonometry 4. Scatter diagrams and correlation 5. Managing money 6. Curved graphs 7. Probability 8. More equations, formulae and functions 9. Transformations and vectors 	<ol style="list-style-type: none"> 1. Symmetry 2. Histograms and cf 3. Ratio, rate and proportion <p>Pre-prelims Prelims (Complete syllabus)</p>

PHYSICS

<u>Term 1</u>	<u>Term 2</u>
<ol style="list-style-type: none"> 1. Electrical quantities 2. Electrical circuits 3. Electromagnetic forces 4. Electromagnetic induction 5. The nuclear atom 6. Radioactivity 7. Earth and the solar system 8. Stars and the universe 	Pre-Prelims Prelims (Complete Syllabus)

CHEMISTRY

<u>TERM1</u>	<u>TERM2</u>
<ol style="list-style-type: none"> 1. Preparation of salts 2. The periodic table 3. Metallic elements and alloys 4. Reactivity of metals 5. Extraction and corrosion of metals 6. Chemistry of our environment 7. Chemical Analysis 	<ol style="list-style-type: none"> 1. Introduction to organic chemistry 2. Reactions of organic compounds 3. Petrochemicals and polymers 4. Experimental design and separation techniques 5. Chemical Analysis

BIOLOGY

<u>Term I</u>	<u>Term 2</u>
<ol style="list-style-type: none"> 1. Respiration and gas exchange 2. Coordination and response 3. Excretion and homeostasis 4. Reproduction in plants 5. Reproduction in humans 	<ol style="list-style-type: none"> 6. Chromosomes, genes and proteins 7. Variation and selection 8. Organisms and their environment 9. Human influences on ecosystems 10. Biotechnology and genetic modification

ECONOMICS

TERM 1

April –May

SECTION IV /V

- THE GOVT AS A PRODUCER
- GOVTS INFLUENCE ON PRIVATE PRODUCERS
- CONFLICTS BETWEEN GOVTS AIMS
- TYPES OF TAXES AND INCIDENCE OF TAX

Unit 1 – Section 2 and 4 (25 MARKS)

July –August

SECTION VI

- CONSUMER PRICE INDEX
- INFLATION N DEFLATION
- EMPLOYMENT
- UNEMPLOYMENT
- GDP AND GROWTH

HALF YEARLY EXAM

HALF YEARLY – SECTIONS 1 , 3, 4, 5 AND 6 (MCQ's and Structured)

TERM 2

October-December

SECTION VII

- STAGES OF DEVELOPMENT
- INEQUALITY N POVERTY
- POPULATION GROWTH
- CHANGES IN POPULATION
- PROBLEMS OF DEVELOPMENT

SECTION VIII

- BALANCE OF PAYMENTS
- EXPORT N IMPORT
- INTERNATIONAL TRADE
- EXCHANGE RATES
- CHANGES IN EXCHANGE RATE
- FREE TRADE N PROTECTION

PRELIMS (Dec) – SECTIONS 1 to 8 PAPERS --MCQ AND STRUCTURED

Finals- February

BUSSINESS STUDIES

<u>Term1</u>	<u>Term2</u>
<p>15. Production of Goods & Services (Unit 1)</p> <p>16. Costs, Scale of Production & Break-even Analysis (Unit 1)</p> <p>17. Achieving quality production</p> <p>18. Location decisions</p> <p>19. Business Finance: Needs & Sources</p> <p>20. Cash Flow Forecasting & Working Capital</p> <p>21. Income Statements</p> <p>22. Balance Sheets</p> <p>23. Analysis of Accounts</p>	<p>24. Government Economic Objectives and Policies</p> <p>25. Environmental and Ethical Issues</p> <p>26. Business & International Economy</p> <p><i>*As a part of IGCSE, full syllabus of class 9 I will also be asked with the syllabus of class 10 I</i></p>

ACCOUNTS

<u>Unit I</u>
<p>Chapters</p> <p>2. Bank Reconciliation statement</p> <p>3. Journal Entries and Correction of Errors</p>
<u>Term I</u>
<p>4. Control Accounts</p> <p>5. Incomplete Records</p> <p>6. Accounts of Clubs and Societies</p> <p>7. Partnership Accounts</p>
<u>Term II</u>
<p>8. Accounts of Manufacturing Business</p> <p>9. Limited Company Accounts</p> <p>10. Analysis and Interpretation</p> <p>➤ (Note) Pre-Prelims & Prelims include Revision of all the syllabus of Class IX-I & X-I</p>

COMPUTER

UNIT-1	UNIT-2
<p>1. The internet and its uses</p> <p>2. Programing (using pseudo code , Flowchart)</p> <p style="text-align: center;"><u>TERM-I</u></p> <p>1. Data Representation</p> <p>2. Data Transmission</p> <p>3. Hardware</p> <p>4. Software</p> <p>5. Algorithm in design and problem solving</p>	<p>➤ Hardware</p> <p>➤ Automated and emerging Technologies</p> <p style="text-align: center;"><u>Term -II</u></p> <p>1. Data Representation</p> <p>2. Data Transmission</p> <p>3. Hardware</p> <p>4. Software</p> <p>5. The internet and its uses</p> <p>6. Automated and emerging Technologies</p>

<p>6. Programming 7. The Boolean Logic</p> <p>Paper-1 Theory Duration: 1 hour 45 Minutes Max. Marks: 75, Weighting 60%</p> <p>Paper-2 Problem- solving and Programming, Duration: 1 hour 45 Minutes Max. Marks: 75, Weighting 40%</p>	<p>5. Algorithm design in problem solving 6. Programming 7. Databases 8. Boolean Logic</p> <p>Paper-1 Theory Duration: 1 hour 45 Minutes Max. Marks: 75 Weighting 60%</p> <p>Paper-2 Problem- solving and Programming, Duration: 1 hour 45 Minutes Max. Marks: 75, Weighting 40%</p>
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HINDI

<u>UNIT -1</u>	<u>UNIT -2</u>
<p>1. पत्र –(1) औपचारिक (2) अनौपचारिक</p> <p>2. सूचना - लेखन</p> <p style="text-align: center;"><u>TERM -1</u></p> <p>1. आवेदन – पत्र 2. विज्ञापन 3. फ़िल्म – समीक्षा 4. पुस्तक - समीक्षा 5. ब्लॉग – लेखन 6. निबंध – लेखन 7. अपठित (1) संचार माध्यम (2) संस्कृति एवं समाज (3) मनोरंजन (4) पर्यावरण</p> <ul style="list-style-type: none"> • Reading and Writing paper practice • Listening and Writing paper practice 	<p>1. सारांश -लेखन 2. ई. मेल.</p> <p style="text-align: center;"><u>TERM -2</u></p> <p>1. भाषण 2. डायरी -लेखन 3. लेख 4. साक्षात्कार 5. रिपोर्ट – लेखन 6. अपठित (1) स्वास्थ्य (2) विज्ञान (3) भाषा (4) सामाजिक समस्या</p> <ul style="list-style-type: none"> • Reading and writing paper practice, Listening and writing paper practice.

**PRINCIPAL
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KANPUR**