

Syllabus

Grade: IX

Session: 2025-2026



St. Joseph International School

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Ten Basic Tips to Help Stop Climate Change

Climate is defined as an area's long-term weather patterns. The simplest way to describe climate is to look at average temperature and precipitation over time. Other useful elements for describing climate include the type and the timing of precipitation, amount of sunshine, average wind speeds and directions, number of days above freezing, weather extremes, and local geography. You must consider all the factors that work together to determine climate.

Don't have a lot of time, but want to take action? Here are ten, simple, everyday things each of us can do to help stop climate change.

Change a light: Replacing a regular light bulb with a compact fluorescent one saves 150 pounds of carbon dioxide each year.

Drive less: Walk, bike, carpool, take mass transit, and/or trip chain. All of these things can help reduce gas consumption and one pound of carbon dioxide for each mile you do not drive.

Recycle more and buy recycled: Save up to 2,400 pounds of carbon dioxide each year just by recycling half of your household waste.

Check your tires: Properly inflated tires mean good gas mileage. For each gallon of gas saved, 20 pounds of carbon dioxide are also never produced.

Use less hot water: It takes a lot of energy to heat water. Reducing the amount used means big savings in not only your energy bills, but also in carbon dioxide emissions.

Avoid products with a lot of packaging: Preventing waste from being created in the first place means that there is less energy waste and fewer resources consumed.

Adjust your thermostat: Keeping your thermostat at 68 degrees in winter and 78 degrees in summer not only helps with your energy bills, but it can reduce carbon dioxide emissions as well.

Plant a tree: A single tree can absorb one ton of carbon dioxide over its lifetime.

Turn off electronic devices when not in use: Simply turning off your TV, VCR, computer and other electronic devices can save each household thousands of pounds of carbon dioxide each year.

Stay informed: Use the Earth 911 Web site to help stay informed about environmental issues, and share your knowledge with others. Together, we can and do make Every Day Earth Day!

Ref:<http://earth911.com/blog/2001/04/02>

Introduction to the Grade: III–X Syllabus

Academic Year 2025–2026

It is our great pleasure to present the syllabus for Grades III through X for the 2025–2026 academic year. A well-crafted syllabus is more than a list of chapters—it is a roadmap that helps every learner become an independent, inquisitive, and disciplined scholar. With steady effort and thoughtful study, each student can translate this roadmap into genuine academic success.

To create a clear and purposeful guide, the unit heads of all classes collaborated closely with their subject teachers. Together they designed the syllabi for the eight subjects taught across the grades, outlining the topics, readings, and assessments that span the entire session. You will find detailed coverage of Class Tests (CTs), hall examinations, question patterns, and marks distributions for both the first and final semesters. All components have been aligned with the Cambridge Curriculum to ensure a rigorous yet supportive learning experience. We therefore encourage every learner at SJIS to consult this document regularly and prepare accordingly.

Our commitment echoes the words on our school monogram—*advancing in Wisdom and Virtue*. A sound education must nurture a child's physical, intellectual, moral, and spiritual growth. Inspired by this vision—and by the legacy of Blessed Basil Anthony Moreau, C.S.C., who founded the Congregation of Holy Cross almost two centuries ago—the Holy Cross Brothers continue to serve in classrooms around the world, guiding young minds toward integrity, compassion, and excellence.

Please note: Some subjects list only chapter names for their CT portions; students are advised to clarify any questions with their respective teachers. Finally, we extend heartfelt thanks to everyone whose dedication shaped this collective work. Your observations and suggestions for future improvement are always welcome.

With warm appreciation,



Brother Victor Bikash D' Rozario, CSC

Vice Principal

English Language 1123

Objectives:

- Continuing O level syllabus with the learners.
- R1 demonstrate understanding of explicit meanings
- R2 demonstrate understanding of implicit meanings and attitudes
- R3 analyse, evaluate and develop facts, ideas and opinions, using appropriate support from the text
- R4 demonstrate understanding of how writers achieve effects and influence readers
- R5 select and use information for specific purposes.
- W1 articulate experience and express what is thought, felt and imagined
- W2 organise and structure ideas and opinions for deliberate effect
- W3 use a range of vocabulary and sentence structures appropriate to context
- W4 use register appropriate to context
- W5 make accurate use of spelling, punctuation and grammar.

Book: English language for Cambridge, O Level, course book - Relevant topics from this book will be used for paper 1 and paper 2.

Half Yearly Syllabus 2025

| Name of the exam | Chapters | Pattern | Marks |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------|
| Half Yearly Examination | <p>Overview of Use of language and Key Writing Skills:</p> <ul style="list-style-type: none"> • Sentence types and structures: Simple, Complex & Compound • Accuracy of Expression (Use of correct grammar, punctuation & importance of punctuation and Figures of speech (simile, metaphor, imagery, rhetorical question, allusion, personification, Euphemism, pun, allusion etc.) • Errors of Agreement, Consistency in tenses and other common Errors like wrongly used prepositions. <p>Paper 1</p> <ul style="list-style-type: none"> • Comprehension and Use of Language • Summary and Short Response <p>Paper 2 Directed Writing</p> <ul style="list-style-type: none"> • Letter Writing: Formal Letters and Informal Letters • Article Writing • Report Writing • Speech Writing <p>Composition</p> <ul style="list-style-type: none"> • Descriptive Essay • Narrative Essay | <p>Paper 1: 50 marks</p> <p>and</p> <p>Paper 2: 50 marks</p> | Marks will be converted into 60. |
| CT-1 | <ul style="list-style-type: none"> • Sentence types and structures: Simple, Complex & Compound | As per CAIE guidelines. | Marks will be converted into 40. |

| | | | |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--|
| | <ul style="list-style-type: none"> • Accuracy of Expression (Use of correct grammar, punctuation & importance of punctuation and Figures of speech (simile, metaphor, imagery, rhetorical question, allusion, personification, Euphemism, pun, allusion etc.) • Errors of Agreement, Consistency in tenses and other common Errors like wrongly used prepositions. • Comprehension and Use of Language • Letter Writing: Formal Letters and Informal Letters | Marks: 25 | |
| CT-2 | <ul style="list-style-type: none"> • Descriptive Essay • Summary and Short Response • Article Writing • Narrative Essay | As per CAIE guidelines. Marks: 25 | |
| | SBA | 10 | |
| | Assignment/ Presentation | 10 | |

Annual Term Syllabus 2026

| Name of the exam | Chapters | Pattern | Marks |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------|
| Annual Examination | Paper 1 <ul style="list-style-type: none"> • Comprehension and Use of Language • Summary and Short Response Paper 2 Directed Writing <ul style="list-style-type: none"> • Report Writing • Speech Writing Composition <ul style="list-style-type: none"> • Descriptive Essay • Narrative Essay | Paper 1: Marks- 50 and Paper 2: Marks- 50 | Marks will be converted into 60. |
| CT-1 | <ul style="list-style-type: none"> • Comprehension and Use of Language • Report Writing • Descriptive Essay | As per CAIE guidelines. Marks: 25 | Marks will be converted into 40. |
| CT-2 | <ul style="list-style-type: none"> • Summary and Short Response • Speech Writing • Narrative Essay | As per CAIE guidelines. Marks: 25 | |
| | SBA | 10 | |
| | Assignment/Presentation | 10 | |
| Total | | | 100 |

Mathematics (Syllabus D) 4024

Objectives:

This syllabus is specially designed to provide valuable learning experiences to engage the hearts and minds of students sitting for the Cambridge O Level examination in Mathematics. Cambridge O Level Mathematics allows learners to gain lifelong benefits, including:

- Increase intellectual curiosity, develop mathematical language as a means of communication and investigation and explore mathematical ways of reasoning.
- Acquire and apply skills and knowledge relating to numbers, measure, and space in mathematical situations that they will meet in life.
- Acquire a foundation appropriate to their further study of mathematics and of other disciplines.
- Appreciate the pattern, structure and power of mathematics and derive satisfaction, enjoyment, and confidence from the understanding of concepts and the mastery of skills.

Books:

1. **Cambridge O Level Mathematics Coursebook (Second Edition), Author:** Audrey Simpson

2. **Cambridge O Level Mathematics (Second Edition) Hodder**

Education Author: Micheal Handbury, Jean Matthews

[The syllabus is made based on the book: Cambridge O Level Mathematics (Second Edition) Hodder Education

Author: Micheal Handbury, Jean Matthews]

Half Yearly Syllabus 2025-26

| Name of Exam | Chapter / Topic | Pattern | Marks |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Half Yearly Examination | Grade VIII syllabus is included in the Half Yearly Exam. 27. Graphs in practical situations 28. Graphs of functions 29. Sketching curves 32. Geometrical terms 33. Geometrical construction 34. Scale drawing 35. Similarity 36. Symmetry 37. Angles 38. Circle theorem | Structured and unstructured questions Paper 1- Non-calculator Marks: 100 Use of a calculator is not allowed Paper 2- Calculator Marks: 100 A scientific calculator is required. | Marks will be converted into 60. |
| CT-1 | Chapter: 27, 28, 29 | Structured and unstructured questions Marks- 15 | Marks will be converted into 40. |
| CT-2 | Chapter: 37, 38 | Structured and unstructured questions Marks- 15 | |
| | SBA | 10 | |
| | Assignment | 10 | |
| Total | | | 100 |

Annual Term Syllabus- 2025-26

| Exam | Chapter / Topic | Pattern | Marks |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Annual Exam | Grade VIII and Grade IX Half Yearly syllabus is included in the Annual Term. 41. Pythagoras' theorem & trigonometry 42. Transformation 43. Vectors 44. Probability 45. Categorical, numerical and grouped data 46. Statistical diagram Revision of Grade 8 Half-yearly Exam & Final and Grade 9 Half-yearly Exam | Structured and unstructured questions Paper 1- Non-calculator Marks: 100 Use of a calculator is not allowed Paper 2- Calculator Marks: 100 A scientific calculator is required. | Marks will be converted into 60. |
| CT-1 | Chapter: 43, 44 | Structured and unstructured questions Marks- 15 | Marks will be converted into 40. |
| CT-2 | Chapter: 41, 42 | Structured and unstructured questions Marks- 15 | |
| | SBA | 10 | |
| | Assignment | 10 | |
| Total | | | 100 |

Additional Mathematics 4037

Objectives:

Cambridge O Level Additional Mathematics enriches learners' understanding of connections within mathematics, refining their reasoning and analytical skills. This course reinforces learners' competency, confidence, and fluency in their use of techniques with and without a calculator, strengthening mathematical understanding and communication skills. It requires a fluent and confident ability to solve problems in abstract mathematics.

Cambridge O Level Additional Mathematics encourages learners to further develop their mathematical ability in problem solving, to provide strong progression for advanced study of mathematics or highly numerate subjects. It is designed to stretch the more able candidates and provides a smooth transition to Cambridge International AS & A Level Mathematics. Our approach in Cambridge O Level Additional Mathematics encourages learners to be:

confident, in using mathematical language and more complex concepts to ask questions, explore ideas and communicate **responsible**, by taking ownership of their learning to prepare for independent mathematical learning, and applying their mathematical knowledge and skills so that they can reason, problem solve and work collaboratively **reflective**, by making connections within mathematics and across other subjects, and in evaluating methods and presenting logical arguments to justify solutions

innovative, by applying their knowledge and understanding to solve unfamiliar problems creatively, flexibly and efficiently, selecting from a range of mathematical techniques

engaged, by the beauty, patterns and structure of mathematics, they are curious to learn about the relevance of its many applications in society and the economy.

Books:

1. **Cambridge IGCSE and O Level Additional Mathematics Coursebook (Second Edition) Author:**
Sue Pemberton
2. **New Syllabus Additional Mathematics (7th Edition),**
Author: Prof Lee Peng Yee, Dr Fan Liang Huo – Shinglee Publications

The syllabus is made based on Cambridge IGCSE and O Level Additional Mathematics Coursebook (Second Edition).

Half Yearly Syllabus 2025-26

| Name of the exam | Topics | Pattern | Marks |
|------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Half Yearly Exam | Grade VIII syllabus is included in the Half Yearly Exam. | Structured and unstructured questions Paper 1 (Non-calculator) Marks 80 Paper 2 (Calculator) Marks 80 | Marks will be converted into 60. |
| | Chapter 5: Equations, Inequalities and Graphs | | |
| | Chapter 8: Circular Measure | | |
| | Chapter 10: Permutations and Combinations | | |
| | Chapter 11: Series | | |
| | Chapter 12: Differentiation 1 | | |
| CT-1 | Chapter 5: Equations, Inequalities and Graphs | Structured and unstructured questions Marks 15 | Marks will be converted into 40. |
| CT-2 | Chapter 11: Series | Structured and unstructured questions Marks 15 | |
| | SBA | 10 | |
| | Assignment | 10 | |

Annual Term Syllabus 2025

| Name of the exam | Topics | Pattern | Marks |
|-------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------|
| Annual Exam | Grade VIII and Grade IX Half Yearly syllabus is included in the Annual Term. | Structured and unstructured questions | Marks will be converted into 60. |
| | Chapter 13: Vectors | Paper 1 (Non-calculator) | |
| | Chapter 14: Differentiation 2 | Marks 80 | |
| | Chapter 15: Integration | Paper 2 (Calculator) | |
| | Chapter 16: Kinematics | Marks 80 | |
| | Revision: Half Yearly Syllabus | | |
| CT-1 | Chapter 13: Vectors | Structured and unstructured questions Marks 15 | Marks will be converted into 40. |
| CT-2 | Chapter 14: Differentiation 1 and 2 | Structured and unstructured questions Marks 15 | |
| | SBA | 10 | |
| | Assignment | 10 | |
| Total | | | 100 |

Chemistry (5070)

Book: Chemistry Matters, by Toon, Kwong, Sadler and Sadler, Marshall Cavendish Education Cambridge O Level
Chemistry (Hodder Education Coursebook) by Bryan Earl C Doug Wilford

1st Semester

| Name of Exam | Units | Question pattern | Marks |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------|
| Half Yearly Exam | Unit 3: Stoichiometry 3.3: Mole and Avogadro constant | Multiple choice questions (P1) | 40 |
| | Unit 4: Electrochemistry 4.1 : Electrolysis 4.2 : Hydrogen-oxygen fuel cells | Structured questions (P2) | 80 |
| | Unit 7: Acids, bases and salts 7.1 : The characteristic properties of acids and bases 7.3: Preparation of salts | Practical exam (P3) | 40 |
| | Unit 9: Metals 9.1 : Properties of metals 9.2 : Uses of metals 9.3 : Alloys and their properties 9.4 : Reactivity series 9.5 : Corrosion of metals 9.6 : Extraction of metals | | Total 160 |
| CT 1 | 3.3: Mole and Avogadro constant 4.1: Electrolysis | MCQ, structured and calculation questions | 15 |
| CT 2 | 7.1: The characteristic properties of acids and bases 7.3: Preparation of salts | MCQ, structured and calculation questions | 15 |
| SBA | | | 10 |
| Assignment | To be decided | To be decided | 10 |

Year Final Exam Syllabus

| Name of Exam | Units | Question pattern | Marks |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------|
| Year Final Exam | Unit 5: Chemical energetics 5.1: Exothermic and Endothermic reactions | Multiple choice questions (P1) | 40 |
| | Unit 6: Chemical reactions 6.2: Rate of reaction 6.3: Reversible reactions and equilibrium (including Haber process and Contact process) | Structured questions (P2) | 80 |
| | Unit 10: Chemistry of the Environment 10.1: Water 10.2: Fertilisers 10.3: Air quality and climate | Practical exam (P3) | 40 |
| | Unit 11: Organic Chemistry 11.1 : Formulae, functional groups and terminology 11.2 : Naming organic compounds 11.4 : Alkanes 11.5 : Alkenes | | Total 160 |
| CT 1 | 5.1: Exothermic and Endothermic reactions 6.2: Rate of reaction | MCQ, structured and calculation questions | 15 |
| CT 2 | 6.3: Reversible reactions and equilibrium 10: Chemistry of the Environment | MCQ and structured questions | 15 |
| SBA | | | 10 |
| Assignment | To be decided | To be decided | 10 |

Biology

Objectives:

- Acquire scientific knowledge and understanding of scientific theories and practice.
- Develop a range of experimental skills, including handling variables and working safely.
- Use scientific data and evidence to solve problems and discuss the limitations of scientific methods.
- communicate effectively and clearly, using scientific terminology, notation and conventions.
- understand that the application of scientific knowledge can benefit people and the environment.
- enjoy science and develop an informed interest in scientific matters which support further study.

Books: Cambridge O level Biology Book by D.G. Mackean, Dave Hayward

Half-yearly Assessment Syllabus

| Name of the Exam | Chapter/Topic | Exam Question Pattern | Marks and Time |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Half-yearly Exam | 13 Excretion 14 Coordination and control 15 Coordination and response in plants *Revision of all chapters from grade 8 | Paper 1: MCQ Four-option Multiple Choice Questions Paper 2: Theory Short-answer and structured questions Paper 3: Practical Questions will be based on the experimental skills in Section 4 of CIE syllabus | Paper 1 Duration: 1 hour Total marks: 40 Paper 2 Duration: 1 hour 45 minutes Total marks: 80 Paper 3 Duration: 1 hour 30 minutes Total marks: 40 |
| CT 1 | 14 Coordination and control 12 Disease and immunity [Revision from grade 8] | <ul style="list-style-type: none"> • MCQ, • Short-answer and structured questions • Labeling/Drawing | Duration: 25 mins Total marks: 15 |
| CT 2 | 13 Excretion 15 Coordination and response in plants 11 Transport in humans [Revision from grade 8] | <ul style="list-style-type: none"> • MCQ, • Short-answer and structured questions • Labeling/Drawing | Duration: 25 mins Total marks: 15 |
| | SBA | <ul style="list-style-type: none"> • Class Work • Class Attendance [Theory+Lab] • Discipline & Behaviour | 10 |
| | Assignment | | 10 |

NB: CT, SBA & Assignment marks will be converted into 40%. Hall test Mark will be converted into 60%

Annual Assessment Syllabus

| Name of the Exam | Chapter/Topic | Exam Question Pattern | Marks and Time |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Annual Examination | 16 Development of organisms and continuity of life 17 Inheritance 19 Relationships of organisms with one another and with the environment | Paper 1: MCQ Four-option Multiple Choice Questions Paper 2: Theory Short-answer and structured questions | Paper 1 Duration: 1 hour Total marks: 40 Paper 2 Duration: 1 hour 45 minutes Total marks: 80 |

| | | | |
|------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| | *Revision of all chapters from half yearly and grade 8 | Paper 3: Practical Questions will be based on the experimental skills in Section 4 of CIE syllabus | Paper 3 Duration: 1 hour 30 minutes Total marks: 40 |
| CT 1 | 16 Development of organisms and continuity of life 7 Transport in flowering plants [Revision from grade 8] | <ul style="list-style-type: none"> ● MCQ, ● Short-answer and structured questions ● Labeling/Drawing | Duration: 25 mins Total marks: 15 |
| CT 2 | 17 Inheritance 19 Relationships of organisms with one another and with the environment | <ul style="list-style-type: none"> ● MCQ, ● Short-answer and structured questions ● Labeling/Drawing | Duration: 25 mins Total marks: 15 |
| | SBA | <ul style="list-style-type: none"> ● Class Work ● Class Attendance [Theory+Lab] ● Discipline & Behaviour | 10 |
| | Assignment | | 10 |

CT, SBA & Assignment marks will be converted into 40%. Hall test Mark will be converted into 60%

Computer Science 2210

Objective: -

Students who learn how to code and who understand the basics of computer science develop few potentials such as

- a higher level of integral thinking, algorithmic thinking, creativity, and even teamwork skills. This whole skill-set is valuable and helpful in any field, whether or not it is related to computers and technology.
- be able to apply problem solving skills to formalize general problem statements into precise algorithmic solutions.
- demonstrate an understanding of the interplay between theory and practice

Books: 1. Cambridge IGCSE™ and O Level Computer Science (Second Edition)

By – David Watson & Helen Williams

2. Computer Science IGCSE and O'Level Course Book by Sarah Lawrey & Victoria Ellis

1st Semester

| Name of the exam | Chapters | Pattern | Marks |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------|
| Half Yearly Exam | <p><u>Paper : 1</u></p> <p>Chapter-6: Automated and emerging technologies 6.1 Automated systems 6.2 Robotics 6.3 Artificial intelligence (AI)</p> <p>Chapter-4:- Software 4.1 Types of software and interrupts 4.2 Types of programming language, translators and integrated development environments (IDEs)</p> <p><u>Paper : 2</u> Chapter: 9 => Database 9.1 Databases</p> <p>Selected topics from Chapter 7, Chapter 8 and Chapter 10</p> | T/F, F/B, MCQ, One sentence Q/A, S/Q, B/Q, Creative questions | 50 |
| Practical | | Lab Work On Selected Topics | |
| CT-1 | <p>Chapter-6: Automated and emerging technologies 6.1 Automated systems 6.2 Robotics 6.3 Artificial intelligence (AI)</p> | T/F, F/B, MCQ, One sentence Q/A, S/Q, Creative questions | 15 |
| CT-2 | <p>Chapter-7: Algorithm design and Problem Solving(Selected Topics) Chapter-8: Programming=>(Selected Topics)</p> | T/F, F/B, MCQ, One sentence Q/A, S/Q, Creative questions | 15 |
| | SBA | | 10 |
| | Practical | | 10 |
| | Total | | 100 |

Syllabus Can Be Altered any Time

2nd Semester

| Name of the exam | Chapters | Pattern | Marks |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------|
| Year Final Exam | <p><u>Paper 1:</u></p> <p>Chapter-5: The internet and its uses 5.1 The internet and the World Wide Web (WWW) 5.2 Digital currency 5.3 Cyber security</p> <p><u>Paper 2:</u></p> <p>Chapter-7: Algorithm design and Problem Solving=> 7.1: The Program Development Life Cycle. 7.2: Computer System, Sub-system and decomposition. 7.3: Explaining the purpose of the Algorithm. 7.4: Standard methods of Solution. 7.5: Validation and Verification 7.6: Test data 7.7: Trace table to document dry runs of algorithm. 7.8: Identifying errors in Algorithm. 7.9: Writing and amending Algorithm. Chapter-8: Programming=> 8.1: Programming Concepts 8.2: Arrays 8.3: File Handling</p> <p><u>Repetition of topics from 1st Semester</u> Chapter 4, Chapter 6, Chapter 9 and Chapter 10</p> | T/F, F/B, MCQ, One sentence Q/A, S/Q, B/Q, Creative questions | 50 |
| Practical | | Lab Work On Selected Topics | |
| CT-1 | Chapter-5: The internet and its uses (Selected Topics) | T/F, F/B, MCQ, One sentence Q/A, S/Q, Creative questions | 15 |
| CT-2 | Chapter-7: Algorithm design and Problem Solving=>(Selected Topics) Chapter-8: Programming=> (Selected Topics) | T/F, F/B, MCQ, One sentence Q/A, S/Q, Creative questions | 15 |
| | SBA | | 10 |
| | Practical | | 10 |
| | Total | | 100 |

Economics

TERM 1

CT 1:

3.2 Households

3.3 Workers

3.4 Firms

CT 2:

3.5 Firms and production

3.6 Firms' costs, revenue and objectives

3.7 Types of markets

After CT 2:

4.1 Government macroeconomic intervention

4.2 Fiscal policy

TERM 2

CT 1:

4.3 Monetary policy

4.4 Supply-side policy

4.5 Economic growth

CT 2:

4.6 Employment and unemployment

4.7 Inflation

5.1 Living standards

5.2 Poverty

After CT 2:

5.3 Population

5.4 Differences in economic development between countries

Business 7081

Objectives: Learners will be able to:

- discover different business structures and explore the influence of key internal and external stakeholder groups, to gain an insight into business decision-making
- develop a confident working knowledge of business activity, using key terms, concepts and theories
- develop numeracy skills by applying formulas to interpret and analyse business data
- gain essential literacy and enquiry skills through using and interpreting business information
- analyse and evaluate a range of data and make informed, evidence-based recommendations in a variety of business contexts
- investigate and understand the impact of digital technology in the production of goods and
- discover the impact and importance of business, inspiring an interest that could lead to further study or employment.

Books: Cambridge IGCSE and O Level Business Studies (5th Edition) by Karen Borrington, Peter Stimpson Half-yearly Syllabus 2025

| Name of the exam | Topics | Pattern | Marks |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Half Yearly Exam | Grade VIII syllabus is included in the Half Yearly Exam. <ol style="list-style-type: none"> Chapter- 13: Marketing mix: Price Chapter- 14: Marketing mix: Place – distribution channels Chapter- 15: Marketing mix: Promotion Chapter- 16: Technology and the marketing mix Chapter- 17: Marketing strategy Chapter-18: Production of goods and services | Cambridge O’Level Pattern Paper-1: Short answer and Data Response Marks- 80 Paper-2: Case Study Marks- 80 | Marks will be converted into 60. |
| CT-1 | Chapter- 13: Marketing mix: Price Chapter- 14: Marketing mix: Place – distribution channels | Paper-1: Short answer and Data Response Marks- 15 | Marks will be converted into 40. |
| CT-2 | Chapter- 15: Marketing mix: Promotion Chapter- 16: Technology and the marketing mix | Paper-1: Short answer and Data Response Marks- 15 | |
| | SBA | 10 | |
| | Assignment/Class Copy/ Presentation | 10 | |
| Total | | | 100 |

Annual Term Syllabus-2026

| Name of the exam | Chapters | Pattern | Marks |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Annual Examination | Grade VIII and Grade IX Half Yearly syllabus is included in the Annual Term. <ol style="list-style-type: none"> Chapter-19: Costs, scale of production and break-even analysis Chapter-20: Achieving quality production Chapter-21: Location decisions Chapter-22: Business finance: needs and sources Chapter-23: Cash-flow forecasting and working capital Chapter- 24: Income Statement | Cambridge O'Level Pattern Paper-1: Short answer and Data Response Marks- 80 Paper-2: Case Study Marks -80 | Marks will be converted into 60. |
| CT-1 | Chapter-19: Costs, scale of production and break-even analysis Chapter-20: Achieving quality production | Paper-1: Short answer and Data Response Marks- 15 | Marks will be converted into 40. |
| CT-2 | Chapter-21: Location decisions Chapter-22: Business finance: needs and sources | Paper-1: Short answer and Data Response Marks-15 | |
| | SBA | 10 | |
| | Assignment/Class Copy/ Presentation | 10 | |
| Total | | | 100 |

Accounting 7707

Book's name: 1. Business Accounting 1

Author: Alan Sangster with Lewis Gordon (Same book used in class VIII)

3. Question paper bank (Paper 1 and Paper 2)

Objective:

The objects are to enable students to develop:

- knowledge and understanding of the principles and purposes of accounting for individuals, businesses, non-trading organizations and society as a whole
- an understanding of accounting concepts, principles, policies, techniques, procedures and terminology
- improved skills of numeracy, literacy, communication, enquiry, presentation and interpretation
- improved accuracy, orderliness and the ability to think logically
- an excellent foundation for advanced study.

1st Semester 2025-2026

| Name of the exam | Topic | Pattern | Marks |
|------------------|------------------------------------------------|------------------------------------|-------|
| Half Yearly Exam | 1. Final account with adjustment (Sole trader) | Paper 1 (MCQ) | 40 |
| | 2. Accounts of Manufacturing business | Paper 2 (Structured written paper) | 100 |
| | 3. Accounts of Partnership business | | |
| | 4. Accounts of Limited Liabilities Company | | |
| CT 1 | Accounts of Manufacturing business | Structured written paper | 15 |
| CT 2 | Accounts of Partnership business | Structured written paper | 15 |

Grade VIII syllabus is included in the 1st Semester

Mark distribution

40% C.T. , S.B.A. and Assignment

60% Hall Test

1st Semester Hall Test duration 3 hours.

Paper 1 MCQ 1 hour 15 minutes 40 marks

Paper 2 Structured written paper 1 hour 45 minutes 100 marks

Total marks: 140 (it will be converted into 60%)

2nd Semester 2025-2026

| Name of the exam | Topic | Pattern | Marks |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------|
| Year Final Exam | 1. Errors and Suspense account | Paper 1 (MCQ) | 40 |
| | 2. Incomplete records | Paper 2 (Structured written paper) | 100 |
| | 3. Irrecoverable debts and provision for doubtful debts | | |
| | 4. Calculation and understanding accounting ratios | | |
| | 5. Interpretation of accounting ratios | | |
| | a. Inter-Farm comparison | | |
| | b. Interested parties | | |
| CT 1 | Business documents Books of prime entry Accounts of Manufacturing business Accounts of Partnership business Accounts of Limited Liabilities Company Bank reconciliation statement | MCQ | 15 |

| | | | |
|------|--------------------------------------------------------------------------------|--------------------------|----|
| | | | |
| CT 2 | Errors and Suspense account Calculation and understanding accounting ratios | Structured written paper | 15 |

Grade VIII and 1st Semester syllabus is included in the 2nd Semester

Mark distribution

40% C.T. , S.B.A. and Assignment

60% Hall Test

2nd Semester Hall Test duration 3 hours.

Paper 1 MCQ 1 hour 15 minutes 40 marks

Paper 2 Structured written paper 1 hour 45 minutes 100 marks

Total marks: 140 (it will be converted into 60%)

Additional Mathematics 4037

Objective:

Cambridge O Level Additional Mathematics enriches learners' understanding of connections within mathematics, refining their reasoning and analytical skills. This course reinforces learners' competency, confidence, and fluency in their use of techniques with and without a calculator, strengthening mathematical understanding and communication skills. It requires a fluent and confident ability to solve problems in abstract mathematics. Cambridge O Level Additional Mathematics encourages learners to further develop their mathematical ability in problem solving, to provide strong progression for advanced study of mathematics or highly numerate subjects. It is designed to stretch the more able candidates and provides a smooth transition to Cambridge International AS & A Level Mathematics.

Our approach in Cambridge O Level Additional Mathematics encourages learners to be:

confident, in using mathematical language and more complex concepts to ask questions, explore ideas and communicate

responsible, by taking ownership of their learning to prepare for independent mathematical learning, and applying their mathematical knowledge and skills so that they can reason, problem solve and work collaboratively

reflective, by making connections within mathematics and across other subjects, and in evaluating methods and presenting logical arguments to justify solutions

innovative, by applying their knowledge and understanding to solve unfamiliar problems creatively, flexibly and efficiently, selecting from a range of mathematical techniques

engaged, by the beauty, patterns and structure of mathematics, they are curious to learn about the relevance of its many applications in society and the economy.

Books:

1. Cambridge IGCSE and O Level Additional Mathematics Coursebook (Second Edition) Author: Sue Pemberton

2. New Syllabus Additional Mathematics (7th Edition),

Author: Prof Lee Peng Yee, Dr Fan Liang Huo – Shinglee Publications

The syllabus is based on Cambridge IGCSE and O Level Additional Mathematics Coursebook (Second Edition).

Half Yearly Syllabus 2025

| Name of the exam | Topics | Pattern | Marks |
|------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Half Yearly Exam | Grade VIII syllabus is included in the Half Yearly Exam. Chapter 5: Equations, Inequalities and Graphs | Structured and unstructured questions Paper 1 (Non-calculator) Marks 80 Paper 2 (Calculator) Marks 80 | Marks will be converted into 60. |
| | Chapter 8: Circular Measure | | |
| | Chapter 10: Permutations and Combinations | | |
| | Chapter 11: Series | | |
| | Chapter 12: Differentiation 1 | | |
| CT-1 | Chapter 5: Equations, Inequalities and Graphs | Structured and unstructured questions Marks 15 | Marks will be converted into 40. |
| CT-2 | Chapter 11: Series | Structured and unstructured questions Marks 15 | |
| | SBA | 10 | |
| | Assignment | 10 | |
| | | Total | 100 |

Annual Term Syllabus 2026

| Name of the exam | Topics | Pattern | Marks |
|--------------------|-------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------|
| Annual Examination | Grade VIII and Grade IX Half Yearly syllabus are included in the Annual Term. | Structured and unstructured questions | Marks will be converted into 60. |
| | Chapter 13: Vectors | Paper 1 (Non-calculator) Marks 80 | |
| | Chapter 14: Differentiation 2 | | |
| | Chapter 15: Integration | | |
| | Chapter 16: Kinematics | | |
| | Revision: Half Yearly Syllabus | Paper 2 (Calculator) Marks 80 | |
| CT-1 | Chapter 13: Vectors | Structured and unstructured Questions- Marks 15 | |
| CT-2 | Chapter 14: Differentiation 1 and 2 | Structured and unstructured questions- Marks 15 | Marks will be converted into 40. |
| | | | |
| | SBA | 10 | |
| | Assignment | 10 | |
| Total | | | 100 |

Bengali 3204

Objectives:

- enable students to communicate accurately, appropriately and effectively in writing
- enable students to understand and respond appropriately to what they read
- encourage students to enjoy and appreciate the variety of language
- complement the students' other areas of study by developing skills of a more general application (e.g. analysis, synthesis, drawing of inferences)
- promote the students' personal development and an understanding of themselves and others..

Half Yearly Syllabus 2025

| Name of the exam | Chapters | Pattern | Marks |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Half Yearly Exam | <p>Paper-1 বিভাগ: ক- চিঠি , প্রতিবেদন। বিভাগ: খ- রচনা</p> <p>Paper-2 বিভাগ: ক- ১।সন্ধি বিচ্ছেদ ২।বাগধারা, প্রবচন, জোড়া শব্দ ৩।বাক্য রূপান্তর ৪।ক্লোজ পরিচ্ছেদ। বিভাগ: খ- ৫। অনুচ্ছেদ পড়ে বোধ জ্ঞানের বহুবিকল্প প্রশ্ন। বিভাগ: গ- ৬। অনুচ্ছেদ পড়ে বোধ জ্ঞানের মুক্ত প্রশ্ন। ৭। শব্দার্থ। (অষ্টম শ্রেণির সিলেবাস রিভিশন হবে।)</p> | <p>Paper-1- 90 marks ১। দু'টি বিষয় থেকে যেকোনো একটি বেছে নিয়ে প্রায় ১২০ শব্দে উত্তর লেখা। ২। তিনটি রচনার মধ্যে থেকে যেকোনো একটি বিষয়ে প্রায় ২০০ শব্দে রচনা লেখা।</p> <p>Paper-2 - 110 marks ১।সন্ধি বিচ্ছেদ ২।বাগধারা, প্রবচন, জোড়া শব্দ ৩।বাক্য রূপান্তর ৪।ক্লোজ পরিচ্ছেদ। বিভাগ: খ- ৫। অনুচ্ছেদ পড়ে বোধ জ্ঞানের বহুবিকল্প প্রশ্ন। বিভাগ: গ- ৬। অনুচ্ছেদ পড়ে বোধ জ্ঞানের মুক্ত প্রশ্ন। ৭। শব্দার্থ।</p> | Marks will be converted into 60. |
| CT-1 | প্রথম শ্রেণি পরীক্ষা চিঠি, প্রতিবেদন। | চিঠি, প্রতিবেদন। - 15 | Marks will be converted into 40. |
| CT-2 | দ্বিতীয় শ্রেণি পরীক্ষা ১।সন্ধি বিচ্ছেদ ২।বাগধারা, প্রবচন, জোড়া শব্দ ৩।অনুচ্ছেদ পড়ে বোধ জ্ঞানের মুক্ত প্রশ্ন। | ১।সন্ধি বিচ্ছেদ ২।বাগধারা, প্রবচন, জোড়া শব্দ ৩।অনুচ্ছেদ পড়ে বোধ জ্ঞানের মুক্ত প্রশ্ন। - 15 | |
| | SBA | 10 | |
| | Assignment/Presentation | 10 | |
| Total | | | 100 |

Annual Term Syllabus 2026

| Name of the exam | Chapters | Pattern | Marks |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Half Yearly Exam | <p>Paper-1 বিভাগ: ক- কথোপকথন,ভাষণ। বিভাগ: খ- রচনা</p> <p>Paper-2 বিভাগ: ক- ১।সন্ধি বিচ্ছেদ ২।বাগধারা, প্রবচন, জোড়া শব্দ। ৩।বাক্য রূপান্তর , ৪।ক্লোজ পরিচ্ছেদ, বিভাগ: খ- ৫। অনুচ্ছেদ পড়ে বোধ জ্ঞানের বহুবিকল্প প্রশ্ন বিভাগ: গ- ৬। অনুচ্ছেদ পড়ে বোধ জ্ঞানের মুক্ত প্রশ্ন। ৭। শব্দার্থ (অষ্টম শ্রেণির সিলেবাস রিভিশন হবে।)</p> | <p>Paper-1 - 90 marks ক। দু'টি বিষয় থেকে যেকোনো একটি বেছে নিয়ে প্রায় ১২০ শব্দে উত্তর লেখা। খ। তিনটি রচনার মধ্যে থেকে যেকোনো একটি বিষয়ে প্রায় ২০০ শব্দে রচনা লেখা।</p> <p>Paper-2 - 110 marks ১।সন্ধি বিচ্ছেদ ২।বাগধারা, প্রবচন, জোড়া শব্দ ৩।বাক্য রূপান্তর ৪।ক্লোজ পরিচ্ছেদ। বিভাগ: খ- ৫। অনুচ্ছেদ পড়ে বোধ জ্ঞানের বহুবিকল্প প্রশ্ন। বিভাগ: গ- ৬। অনুচ্ছেদ পড়ে বোধ জ্ঞানের মুক্ত প্রশ্ন। ৭। শব্দার্থ।</p> | Marks will be converted into 60. |
| CT-1 | প্রথম শ্রেণি পরীক্ষা ভাষণ, কথোপকথন লেখা। | ভাষণ, কথোপকথন লেখা। - 15 marks | Marks will be converted into 40. |
| CT-2 | দ্বিতীয় শ্রেণি পরীক্ষা ১।বাক্য রূপান্তর, ২।ক্লোজ পরিচ্ছেদ, ৩।অনুচ্ছেদ পড়ে বোধ জ্ঞানের বহুবিকল্প প্রশ্ন। | ১।বাক্য রূপান্তর, ২।ক্লোজ পরিচ্ছেদ, ৩।অনুচ্ছেদ পড়ে বোধ জ্ঞানের বহুবিকল্প প্রশ্ন। - 15 maks | |
| | SBA | 10 | |
| | Assignment/Presentation | 10 | |
| | | Total | 100 |

Biology 5090

Objectives:

- Acquire scientific knowledge and understanding of scientific theories and practice.
- Develop a range of experimental skills, including handling variables and working safely.
- Use scientific data and evidence to solve problems and discuss the limitations of scientific methods.
- communicate effectively and clearly, using scientific terminology, notation and conventions.
- understand that the application of scientific knowledge can benefit people and the environment.
- enjoy science and develop an informed interest in scientific matters which support further study.

Books: Cambridge O level Biology Book by D.G. Mackean, Dave Hayward

Half Yearly Syllabus 2025

| Name of the Exam | Chapter/Topic | Exam Question Pattern | Marks |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Half-yearly Examination | 13 Excretion 14 Coordination and control 15 Coordination and response in plants *Revision of all chapters from grade 8 | Paper 1: MCQ- Total marks: 40 Four-option Multiple Choice Questions Paper 2: Theory- Total marks: 80 Short-answer and structured questions Paper 3: Practical .Total marks: 40 Questions will be based on the experimental skills in Section 4 of CIE syllabus. | Marks will be converted into 60. |
| CT 1 | 14 Coordination and control 12 Disease and immunity [Revision from grade 8] | MCQ, Short-answer and structured questions, Labeling/Drawing- Total marks: 15 | Marks will be converted into 40. |
| CT 2 | 13 Excretion 15 Coordination and response in plants 11 Transport in humans [Revision from grade 8] | MCQ, Short-answer and structured questions, Labeling/Drawing- Total marks: 15 | |
| | SBA[CW, Class Attendance-Theory+Lab, Discipline & Behaviour | 10 | |
| | Assignment | 10 | |
| | | Total | 100 |

Annual Term Syllabus 2026

| Name of the Exam | Chapter/Topic | Exam Question Pattern | Marks |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Year Final Exam | 16 Development of organisms and continuity of life 17 Inheritance 19 Relationships of organisms with one another and with the environment *Revision of all chapters from half yearly and grade 8 | Paper 1: MCQ-Total marks: 40 Four-option Multiple Choice Questions Paper 2: Theory- Total marks: 80 Short-answer and structured questions Paper 3: Practical- Total marks: 40 Questions will be based on the experimental skills in Section 4 of CIE syllabus | Marks will be converted into 60. |
| CT 1 | 16 Development of organisms and continuity of life 7 Transport in flowering plants [Revision from grade 8] | MCQ, Short-answer and structured questions, Labeling/Drawing- 15 marks | Marks will be converted into 40. |

| | | | |
|------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------|
| CT 2 | 17 Inheritance 19 Relationships of organisms with one another and with the environment | MCQ, Short-answer and structured questions, Labeling/Drawing- 15 marks | |
| | SBA[CW, Class Attendance-Theory+Lab, Discipline & Behaviour | 10 | |
| | Assignment | 10 | |
| | | Total | 100 |

Business 7081

Objectives: Learners will be able to:

- discover different business structures and explore the influence of key internal and external stakeholder groups, to gain an insight into business decision-making
- develop a confident working knowledge of business activity, using key terms, concepts and theories
- develop numeracy skills by applying formulas to interpret and analyse business data
- gain essential literacy and enquiry skills through using and interpreting business information
- analyse and evaluate a range of data and make informed, evidence-based recommendations in a variety of business contexts
- investigate and understand the impact of digital technology in the production of goods and
- discover the impact and importance of business, inspiring an interest that could lead to further study or employment.

Books: Cambridge IGCSE and O Level Business Studies (5th Edition) by Karen Borrington, Peter Stimpson

Half-yearly Syllabus 2025

| Name of the exam | Topics | Pattern | Marks |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Half Yearly Exam | Grade VIII syllabus is included. <ol style="list-style-type: none"> Chapter- 13: Marketing mix: Price Chapter- 14: Marketing mix: Place – distribution channels Chapter- 15: Marketing mix: Promotion Chapter- 16: Technology and the marketing mix Chapter- 17: Marketing strategy Chapter-18: Production of goods and services | Cambridge O’Level Pattern Paper-1: Short answer and Data Response Marks- 80 Paper-2: Case Study Marks- 80 | Marks will be converted into 60. |
| CT-1 | Chapter- 13: Marketing mix: Price Chapter- 14: Marketing mix: Place – distribution channels | Paper-1: Short answer and Data Response Marks- 15 | Marks will be converted into 40. |
| CT-2 | Chapter- 15: Marketing mix: Promotion Chapter- 16: Technology and the marketing mix | Paper-1: Short answer and Data Response Marks- 15 | |
| | SBA | 10 | |
| | Assignment/Class Copy/ Presentation | 10 | |
| Total | | | 100 |

Annual Term Syllabus- 2026

| Name of the exam | Chapters | Pattern | Marks |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Annual Exam | Grade VIII and Grade IX Half Yearly syllabus is included in the Annual Term. <ol style="list-style-type: none"> Chapter-19: Costs, scale of production and break-even analysis Chapter-20: Achieving quality production Chapter-21: Location decisions Chapter-22: Business finance: needs and sources Chapter-23: Cash-flow forecasting and working capital Chapter- 24: Income Statement | Cambridge O'Level Pattern Paper-1: Short answer and Data Response Marks- 80 Paper-2: Case Study Marks -80 | Marks will be converted into 60. |
| CT-1 | Chapter-19: Costs, scale of production and break-even analysis Chapter-20: Achieving quality production | Paper-1: Short answer and Data Response Marks- 15 | Marks will be converted into 40. |
| CT-2 | Chapter-21: Location decisions Chapter-22: Business finance: needs and sources | Paper-1: Short answer and Data Response Marks-15 | |
| | SBA | 10 | |
| | Assignment/Class Copy/ Presentation | 10 | |
| Total | | | 100 |

Chemistry (5070)

Objectives: Cambridge O level Chemistry develops a set of transferrable skills including handling data, solving practical problems and applying the scientific methods. It aims to enable students to:

- acquire scientific knowledge and understanding of scientific theories and practice.
- develop a range of experimental skills.
- use scientific data and evidence to solve problems and discuss the limitations of scientific methods.
- understand that the application of scientific knowledge can benefit people and the environment.
- enjoy science and develop an informed interest in scientific matters which support further study.

Book: Chemistry Matters, by Toon, Kwong, Sadler and Sadler, Marshall Cavendish Education
Cambridge O Level Chemistry (Hodder Education Coursebook) by Bryan Earl & Doug Wilford

Half Yearly Syllabus 2025

| Name of Exam | Units | Pattern | Marks |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Half Yearly Exam | Grade VIII syllabus is included in the Half Yearly Syllabus. Unit 3: Stoichiometry 3.3: Mole and Avogadro constant Unit 4: Electrochemistry 4.1: Electrolysis 4.2: Hydrogen-oxygen fuel cells Unit 7: Acids, bases and salts 7.1: The characteristic properties of acids and bases 7.3: Preparation of salts Unit 9: Metals 9.1: Properties of metals 9.2: Uses of metals 9.3: Alloys and their properties 9.4: Reactivity series 9.5: Corrosion of metals 9.6: Extraction of metals | Multiple choice questions (P1)- 40 marks Structured questions (P2)- 80 marks Practical exam (P3)- 40 marks | Marks will be converted into 60. |
| CT 1 | Unit 3.3: Mole and Avogadro constant Unit 4.1: Electrolysis | MCQ, structured and calculation questions- 15 marks | Marks will be converted into 40. |
| CT 2 | Unit 7.1: The characteristic properties of acids and bases Unit 7.3: Preparation of salts | MCQ, structured and calculation questions- 15 marks | |
| | SBA | 10 | |
| | Assignment | 10 | |
| | | Total | 100 |

Annual Term Syllabus- 2026

| Name of exam | Units | Pattern | Marks |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Annual Exam | Grade VIII and Grade IX Half Yearly syllabus is included in the Annual Term. Unit 5: Chemical energetics 5.1: Exothermic and Endothermic reactions Unit 6: Chemical reactions 6.2: Rate of reaction 6.3: Reversible reactions and equilibrium (including Haber process and Contact process) Unit 10: Chemistry of the Environment 10.1: Water 10.2: Fertilisers 10.3: Air quality and climate Unit 11: Organic Chemistry 11.1: Formulae, functional groups and terminology 11.2: Naming organic compounds 11.4: Alkanes 11.5: Alkenes | Multiple choice questions (P1)- 40 marks Structured questions (P2)- 80 marks Practical exam (P3)- 40 marks | Marks will be converted into 60. |
| CT 1 | Unit 5.1: Exothermic and Endothermic reactions Unit 6.2: Rate of reaction | MCQ, structured and calculation questions- 15 marks | Marks will be converted into 40. |
| CT 2 | Unit 6.3: Reversible reactions and equilibrium Unit 10: Chemistry of the Environment | MCQ and structured questions- 15 marks | |
| | SBA | 10 | |
| | Assignment | 10 | |
| | | Total | 100 |

Computer Science 2210

Objective: -

Students who learn how to code and who understand the basics of computer science develop few potentials such as

- ☐ a higher level of integral thinking, algorithmic thinking, creativity, and even teamwork skills. This whole skill-set is valuable and helpful in any field, whether or not it is related to computers and technology.
- ☐ be able to apply problem solving skills to formalize general problem statements into precise algorithmic solutions.
- ☐ demonstrate an understanding of the interplay between theory and practice

Books: 1. Cambridge IGCSE™ and O Level Computer Science (Second Edition) By – David Watson & Helen Williams

2. Computer Science IGCSE and O'Level Course Book by Sarah Lawrey & Victoria Ellis

Half Yearly Syllabus 2025

| Name of the exam | Chapters | Pattern | Marks |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------|
| Half Yearly Exam | Grade VIII syllabus is included in the Half Yearly Syllabus. Paper : 1 Chapter-6: Automated and emerging technologies 6.1 Automated systems 6.2 Robotics 6.3 Artificial intelligence (AI) Chapter-4:- Software 4.1 Types of software and interrupts 4.2 Types of programming language, translators and integrated development environments (IDEs) Paper : 2 Chapter-9: Database 9.1 Databases Selected topics from Chapter 7, Chapter 8 and Chapter 10 Practical: Lab Work on Selected Topics | T/F, F/B, MCQ, One sentence Q/A, S/Q, B/Q, Creative questions | Marks will be converted into 60. |
| CT-1 | Chapter-6: Automated and emerging technologies 6.1 Automated systems 6.2 Robotics 6.3 Artificial intelligence (AI) | T/F, F/B, MCQ, One sentence Q/A, S/Q, Creative questions- 15 marks | Marks will be converted into 40. |
| CT-2 | Chapter-7: Algorithm design and Problem Solving(Selected Topics) Chapter-8: Programming=>(Selected Topics) | T/F, F/B, MCQ, One sentence Q/A, S/Q, Creative questions- 15 marks | |
| | SBA | 10 | |
| | Assignment/ Practical | 10 | |
| | | Total | 100 |

Annual Term Syllabus- 2026

| Name of the exam | Chapters | Pattern | Marks |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------|
| Annual Term Exam | Grade VIII and Grade IX Half Yearly syllabus is included in the Annual Term. Paper 1: Chapter-5: The internet and its uses 5.1 The internet and the World Wide Web (WWW) 5.2 Digital currency 5.3 Cyber security Paper 2: Chapter-7: Algorithm design and Problem Solving 7.1: The Program Development Life Cycle. 7.2: Computer System, Sub-system and decomposition. 7.3: Explaining the purpose of the Algorithm. 7.4: Standard methods of Solution. 7.5: Validation and Verification 7.6: Test data 7.7: Trace table to document dry runs of algorithm. 7.8: Identifying errors in Algorithm. 7.9: Writing and amending Algorithm. Chapter-8: Programming=> 8.1: Programming Concepts 8.2: Arrays 8.3: File Handling <u>Repetition of topics from Half Yearly</u> Chapter 4, Chapter 6, Chapter 9 and Chapter 10 Practical: Lab Work on Selected Topics | T/F, F/B, MCQ, One sentence Q/A, S/Q, B/Q, Creative questions | Marks will be converted into 60. |
| CT-1 | Chapter-5: The internet and its uses (Selected Topics) | T/F, F/B, MCQ, One sentence Q/A, S/Q, Creative questions- 15 marks | Marks will be converted into 40. |
| CT-2 | Chapter-7: Algorithm design and Problem Solving (Selected Topics) Chapter-8: Programming (Selected Topics) | T/F, F/B, MCQ, One sentence Q/A, S/Q, Creative questions- 15 marks | |
| | SBA | 10 | |
| | Practical | 10 | |
| | | Total | 100 |

Economics (2281)

Objectives: Students will gain lifelong skills, including: •an understanding of economic theory, terminology and principles •the ability to apply the tools of economic analysis •the ability to distinguish between facts and value judgements in economic issues •an understanding of, and an ability to use, basic economic numeracy and literacy •the ability to take a greater part in decision-making processes in everyday life •an ability to use examples from a variety of economies •an excellent foundation for advanced study in economic

Books: Cambridge IGCSE® and O Level Economics Coursebook (Second Edition)

Author: Susan Grant

Half Yearly Syllabus 2025

| Name of the exam | Topics | Pattern | Marks |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Half Yearly Examination | Grade VIII syllabus is included in the Half Yearly Syllabus. 3.2 Households 3.3 Workers 3.4 Firms 3.5 Firms and production 3.6 Firms' costs, revenue and objectives 3.7 Types of markets 4.1 Government macroeconomic intervention 4.2 Fiscal policy | Short questions, Descriptive analysis, Problem solving, MCQ, Case Study Paper-1: Marks -30 Paper-1: Marks -90 | Marks will be converted into 60. |
| CT-1 | 3.2 Households 3.3 Workers 3.4 Firms | Short questions, Problem solving Marks- 15 | Marks will be converted into 40. |
| CT-2 | 3.5 Firms and production 3.6 Firms' costs, revenue and objectives 3.7 Types of markets | Short questions, Problem solving Marks- 15 | |
| | SBA | 10 | |
| | Assignment | 10 | |
| Total | | | 100 |

Annual Term Syllabus-2025-2026

| Name of the exam | Chapters | Pattern | Marks |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Annual Exam | Grade VIII and Grade IX Half Yearly syllabus is included in the Annual Term. 4.3 Monetary policy 4.4 Supply-side policy 4.5 Economic growth 4.6 Employment and unemployment 4.7 Inflation 5.1 Living standards 5.2 Poverty 5.3 Population 5.4 Differences in economic development between countries | <ul style="list-style-type: none"> • Short questions • Descriptive analysis • Problem solving • MCQ • Case Study Paper-1: Marks - 30 Paper-1: Marks - 90 | Marks will be converted into 60. |
| CT-1 | 4.3 Monetary policy 4.4 Supply-side policy 4.5 Economic growth | Short questions, Problem solving Marks- 15 | Marks will be converted into 40. |

| | | | |
|------|-----------------------------------------------------------------------------------------|---------------------------------------------------------|------------|
| CT-2 | 4.6 Employment and unemployment 4.7 Inflation 5.1 Living standards 5.2 Poverty | Short questions, Problem solving Marks- 15 | |
| | SBA | 10 | |
| | Assignment/Class Copy/ Presentation | 10 | |
| | Total | | 100 |

English Language 1123

Objectives:

- Continuing O level syllabus with the learners.
- R1 demonstrate understanding of explicit meanings
- R2 demonstrate understanding of implicit meanings and attitudes
- R3 analyse, evaluate and develop facts, ideas and opinions, using appropriate support from the text
- R4 demonstrate understanding of how writers achieve effects and influence readers
- R5 select and use information for specific purposes.
- W1 articulate experience and express what is thought, felt and imagined
- W2 organise and structure ideas and opinions for deliberate effect
- W3 use a range of vocabulary and sentence structures appropriate to context
- W4 use register appropriate to context
- W5 make accurate use of spelling, punctuation and grammar.

Book: English language for Cambridge, O Level, course book - Relevant topics from this book will be used for paper 1 and paper 2.

Half Yearly Syllabus 2025-2026

| Name of the exam | Chapters | Pattern | Marks |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------|
| Half Yearly Exam | <p>Overview of Use of language and Key Writing Skills:</p> <ul style="list-style-type: none"> ● Sentence types and structures: Simple, Complex & Compound ● Accuracy of Expression (Use of correct grammar, punctuation & importance of punctuation and Figures of speech (simile, metaphor, imagery, rhetorical question, allusion, personification, Euphemism, pun, allusion etc.) ● Errors of Agreement, Consistency in tenses and other common Errors like wrongly used prepositions. <p>Paper 1</p> <ul style="list-style-type: none"> ● Comprehension and Use of Language ● Summary and Short Response <p>Paper 2</p> <p>Directed Writing</p> <ul style="list-style-type: none"> ● Letter Writing: Formal Letters and Informal Letters ● Article Writing ● Report Writing ● Speech Writing <p>Composition</p> <ul style="list-style-type: none"> ● Descriptive Essay ● Narrative Essay | <p>Paper 1: 50 marks</p> <p>and</p> <p>Paper 2: 50 marks</p> | <p>Marks will be converted into 60.</p> |
| CT-1 | <ul style="list-style-type: none"> ● Sentence types and structures: Simple, Complex & Compound ● Accuracy of Expression (Use of correct grammar, punctuation & importance of punctuation and Figures of speech (simile, metaphor, imagery, rhetorical question, allusion, personification, Euphemism, pun, allusion etc.) | <p>As per CAIE guidelines.</p> <p>Marks: 15</p> | <p>Marks will be converted into 40.</p> |

| | | | |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------|
| | <ul style="list-style-type: none"> Errors of Agreement, Consistency in tenses and other common Errors like wrongly used prepositions. Comprehension and Use of Language Letter Writing: Formal Letters and Informal Letters | | |
| CT-2 | <ul style="list-style-type: none"> Descriptive Essay Summary and Short Response Article Writing Narrative Essay | As per CAIE guidelines. Marks: 15 | |
| | SBA | 10 | |
| | Assignment/ Presentation | 10 | |
| | | Total | 100 |

Annual Term Syllabus 2025-2026

| Name of the exam | Chapters | Pattern | Marks |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------|
| Annual Exam | Paper 1 <ul style="list-style-type: none"> Comprehension and Use of Language Summary and Short Response Paper 2 Directed Writing <ul style="list-style-type: none"> Report Writing Speech Writing Composition <ul style="list-style-type: none"> Descriptive Essay Narrative Essay | Paper 1: Marks- 50 and Paper 2: Marks- 50 | Marks will be converted into 60. |
| CT-1 | <ul style="list-style-type: none"> Comprehension and Use of Language Report Writing Descriptive Essay | As per CAIE guidelines. Marks: 15 | Marks will be converted into 40. |
| CT-2 | <ul style="list-style-type: none"> Summary and Short Response Speech Writing Narrative Essay | As per CAIE guidelines. Marks: 15 | |
| | SBA | 10 | |
| | Assignment/Presentation | 10 | |
| | | Total | 100 |

Mathematics (Syllabus D) 4024

Objectives: This syllabus is specially designed to provide valuable learning experiences to engage the hearts and minds of students sitting for the Cambridge O Level examination in Mathematics. Cambridge O Level Mathematics allows learners to gain lifelong benefits, including:

§ Increase intellectual curiosity, develop mathematical language as a means of communication and investigation and explore mathematical ways of reasoning.

§ Acquire and apply skills and knowledge relating to numbers, measure, and space in mathematical situations that they will meet in life.

§ Acquire a foundation appropriate to their further study of mathematics and of other disciplines.

§ Appreciate the pattern, structure and power of mathematics and derive satisfaction, enjoyment, and confidence from the understanding of concepts and the mastery of skills.

Books:

1. Cambridge O Level Mathematics Coursebook (Second Edition), Author: Audrey Simpson

2. Cambridge O Level Mathematics (Second Edition) Hodder Education Author: Micheal Handbury, Jean Matthews

[The syllabus is made based on the book: Cambridge O Level Mathematics (Second Edition) Hodder Education Author: Micheal Handbury, Jean Matthews]

Half Yearly Syllabus 2025-26

| Name of Exam | Chapter / Topic | Pattern | Marks |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Half Yearly Exam | Grade VIII syllabus is included in the Half Yearly Exam. 27. Graphs in practical situations 28. Graphs of functions 29. Sketching curves 32. Geometrical terms 33. Geometrical construction 34. Scale drawing 35. Similarity 36. Symmetry 37. Angles 38. Circle theorem | Structured and unstructured questions Paper 1- Non-calculator Marks: 100 Use of a calculator is not allowed Paper 2- Calculator Marks: 100 A scientific calculator is required. | Marks will be converted into 60. |
| CT-1 | Chapter: 27, 28, 29 | Structured and unstructured questions Marks- 15 | Marks will be converted into 40. |
| CT-2 | Chapter: 37, 38 | Structured and unstructured questions Marks- 15 | |
| | SBA | 10 | |
| | Assignment | 10 | |
| Total | | | 100 |

Annual Term Syllabus 2025-2026

| Exam | Chapter / Topic | Pattern | Marks |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Annual Exam | Grade VIII and Grade IX Half Yearly syllabus is included in the Annual Term. 41. Pythagoras' theorem & trigonometry 42. Transformation 43. Vectors 44. Probability 45. Categorical, numerical and grouped data 46. Statistical diagram Revision of Grade 8 Half-yearly Exam & Final and Grade 9 Half-yearly Exam | Structured and unstructured questions Paper 1- Non- calculator Marks: 100 Use of a calculator is not allowed Paper 2- Calculator Marks: 100 A scientific calculator is required. | Marks will be converted into 60. |
| CT-1 | Chapter: 43, 44 | Structured and unstructured questions Marks- 15 | Marks will be converted into 40. |
| CT-2 | Chapter: 41, 42 | Structured and unstructured questions Marks- 15 | |
| | SBA | 10 | |
| | Assignment | 10 | |
| Total | | | 100 |

Physics 5054

Objectives:

- acquire scientific knowledge and understanding of scientific theories and practice
- develop a range of experimental skills, including handling variables and working safely
- use scientific data and evidence to solve problems and discuss the limitations of scientific methods
- communicate effectively and clearly, using scientific terminology, notation and conventions
- understand that the application of scientific knowledge can benefit people and the environment
- enjoy science and develop an informed interest in scientific matters which support study.

Knowledge with understanding

- scientific phenomena, facts, laws, definitions, concepts and theories
- scientific vocabulary, terminology and conventions (including symbols, quantities and units)
- scientific instruments and apparatus, including techniques of operation and aspects of safety
- scientific and technological applications with their social, economic and environmental implications.

Books: 1. **FEDERAL PHYSICS**

A course for 'O' Level

Second edition

Charles Chew, Leong See Cheng, Chow Siew Foong

2. **Cambridge O Level Physics**

Second edition

Tom Duncan, Heather Kennett

Half Yearly 2025-2026

| Name of the exam | Chapters | Pattern | Marks |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Half Yearly Exam | 1 Motion, forces and energy 1.6 Moment 2 Thermal physics 2.2 Thermal properties and temperature 3 Waves 3.1 General properties of waves 3.3 Electromagnetic spectrum 3.4 Sound 4. Class 8 half yearly revision | Paper 1: 40 marks Multiple Choice Questions Paper 2: 80 marks Structured Questions Paper 3: 40 marks Laboratory Question | Marks will be converted into 60. |
| CT-1 | 1. Motion, forces and energy 1.6 Moment 2. Thermal physics 2.2 Thermal properties and temperature | Structured Questions Multiple Choice Questions 15 marks | Marks will be converted into 40. |
| CT-2 | 3.Waves 3.2 General properties of waves 3.3 Electromagnetic spectrum 3.4 Sound | Structured Questions Multiple Choice Questions 15 marks | |
| | SBA | 10 | |
| | Assignment /Lab Copy / Class Performance | 10 | |
| | | Total | 100 |

Annual Examination Syllabus 2025-2026

| Name of the exam | Chapters | Pattern | Marks |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Annual Exam | GRADE IX HALF YEARLY AND GRADE VIII SYLLABUS ARE INCLUDED 4. Electricity and magnetism 4.1 Simple magnetism and magnetic fields 4.2 Electrical Quantities 4.3 Electrical circuit 4.4 Practical Electricity 5 Nuclear Physics 5.1 The nuclear model of the atom 5.2 Radioactivity | Paper 1: 40 marks Multiple Choice Questions Paper 2: 80 marks Structured Questions Paper 3: 40 marks Laboratory Question | Marks will be converted into 60. |
| CT-1 | Electricity And Magnetism 4.1 Simple magnetism and magnetic fields 4.2 Electrical Quantities 4.3 Electrical circuit 4.4 Practical Electricity | Structured Questions Multiple Choice Questions 15 marks | Marks will be converted into 40. |
| CT-2 | 5. Nuclear Physics 5.1 The nuclear model of the atom 5.2 Radioactivity | Structured Questions Multiple Choice Questions 15 marks | |
| | SBA | 10 | |
| | Assignment /Lab Copy / Class Performance | 10 | |
| | | Total | 100 |

Accounting 7707

Book's name: 1. Business Accounting 1

Author: Alan Sangster with Lewis Gordon (Same book used in class VIII)

3. Question paper bank (Paper 1 and Paper 2)

Objective:

The objects are to enable students to develop:

- knowledge and understanding of the principles and purposes of accounting for individuals, businesses, non-trading organizations and society as a whole
- an understanding of accounting concepts, principles, policies, techniques, procedures and terminology
- improved skills of numeracy, literacy, communication, enquiry, presentation and interpretation
- improved accuracy, orderliness and the ability to think logically
- an excellent foundation for advanced study.

1st Semester 2025-2026

| Name of the exam | Topic | Pattern | Marks |
|------------------|------------------------------------------------|------------------------------------|-------|
| Half Yearly Exam | 1. Final account with adjustment (Sole trader) | Paper 1 (MCQ) | 40 |
| | 2. Accounts of Manufacturing business | Paper 2 (Structured written paper) | 100 |
| | 3. Accounts of Partnership business | | |
| | 4. Accounts of Limited Liabilities Company | | |
| CT 1 | Accounts of Manufacturing business | Structured written paper | 15 |
| CT 2 | Accounts of Partnership business | Structured written paper | 15 |

Grade VIII syllabus is included in the 1st Semester

Mark distribution

40% C.T. , S.B.A. and Assignment

60% Hall Test

1st Semester Hall Test duration 3 hours.

Paper 1 MCQ

1 hour 15 minutes

40 marks

Paper 2 Structured written paper

1 hour 45 minutes

100 marks

Total marks: 140 (it will be converted into 60%)

2nd Semester 2025-2026

| Name of the exam | Topic | Pattern | Marks |
|------------------|---------------------------------------------------------|------------------------------------|-------|
| Year Final Exam | 1. Errors and Suspense account | Paper 1 (MCQ) | 40 |
| | 2. Incomplete records | Paper 2 (Structured written paper) | 100 |
| | 3. Irrecoverable debts and provision for doubtful debts | | |
| | 4. Calculation and understanding accounting ratios | | |
| | 5. Interpretation of accounting ratios | | |
| | a. Inter-Farm comparison | | |
| | b. Interested parties | | |

| | | | |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------|
| CT 1 | Business documents Books of prime entry Accounts of Manufacturing business Accounts of Partnership business Accounts of Limited Liabilities Company Bank reconciliation statement | MCQ | 15 |
| CT 2 | Errors and Suspense account Calculation and understanding accounting ratios | Structured written paper | 15 |

Grade VIII and 1st Semester syllabus is included in the 2nd Semester

Mark distribution

40% C.T. , S.B.A. and Assignment

60% Hall Test

2nd Semester Hall Test duration 3 hours.

Paper 1 MCQ 1 hour 15 minutes 40 marks

Paper 2 Structured written paper 1 hour 45 minutes 100 marks

Total marks: 140 (it will be converted into 60%)

Bengali

Objectives:

- enable students to communicate accurately, appropriately and effectively in writing
- enable students to understand and respond appropriately to what they read
- encourage students to enjoy and appreciate the variety of language
- complement the students' other areas of study by developing skills of a more general application (e.g. analysis, synthesis, drawing of inferences)
- promote the students' personal development and an understanding of themselves and others..

1st Semester

| Name of the exam | Chapters | Pattern | Marks |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Half Yearly Exam | <p>Paper-1</p> <p>বিভাগ: ক- চিঠি , প্রতিবেদন।</p> <p>বিভাগ: খ- রচনা</p> <p>Paper-2</p> <p>বিভাগ: ক-</p> <p>১।সন্ধি বিচ্ছেদ</p> <p>২।বাগধারা, প্রবচন, জোড়া শব্দ</p> <p>৩।বাক্য রূপান্তর</p> <p>৪।ক্লোজ পরিচ্ছেদ।</p> <p>বিভাগ: খ-</p> <p>৫। অনুচ্ছেদ পড়ে বোধ জ্ঞানের বহুবিকল্প প্রশ্ন।</p> <p>বিভাগ: গ-</p> <p>৬। অনুচ্ছেদ পড়ে বোধ জ্ঞানের মুক্ত প্রশ্ন।</p> <p>৭। শব্দার্থ।</p> <p>(অষ্টম শ্রেণির সিলেবাস রিভিশন হবে।)</p> | <p>Paper-1</p> <p>১। দু' টি বিষয় থেকে যেকোনো একটি বেছে নিয়ে প্রায় ১২০ শব্দে উত্তর লেখা।</p> <p>২। তিনটি রচনার মধ্যে থেকে যেকোনো একটি বিষয়ে প্রায় ২০০ শব্দে রচনা লেখা।</p> <p>Paper-2</p> <p>১।সন্ধি বিচ্ছেদ</p> <p>২।বাগধারা, প্রবচন, জোড়া শব্দ</p> <p>৩।বাক্য রূপান্তর</p> <p>৪।ক্লোজ পরিচ্ছেদ।</p> <p>বিভাগ: খ-</p> <p>৫। অনুচ্ছেদ পড়ে বোধ জ্ঞানের বহুবিকল্প প্রশ্ন।</p> <p>বিভাগ: গ-</p> <p>৬। অনুচ্ছেদ পড়ে বোধ জ্ঞানের মুক্ত প্রশ্ন।</p> <p>৭। শব্দার্থ।</p> | 50 |
| CT-1 | <p>প্রথম শ্রেণি পরীক্ষা</p> <p>চিঠি, প্রতিবেদন।</p> | চিঠি, প্রতিবেদন। | 15 |
| CT-2 | <p>দ্বিতীয় শ্রেণি পরীক্ষা</p> <p>১।সন্ধি বিচ্ছেদ</p> <p>২।বাগধারা, প্রবচন, জোড়া শব্দ</p> <p>৩।অনুচ্ছেদ পড়ে বোধ জ্ঞানের মুক্ত প্রশ্ন।</p> | <p>১।সন্ধি বিচ্ছেদ</p> <p>২।বাগধারা, প্রবচন, জোড়া শব্দ</p> <p>৩।অনুচ্ছেদ পড়ে বোধ জ্ঞানের মুক্ত প্রশ্ন।</p> | 15 |
| | SBA | | 10 |
| | Assignment/Presentation | | 10 |
| | Total | | 100 |

2nd Semester

| Name of the exam | Chapters | Pattern | Marks |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Year Final Exam | <p>Paper-1 বিভাগ: ক- কথোপকথন,ভাষণ। বিভাগ: খ- রচনা</p> <p>Paper-2 বিভাগ: ক- ১।সন্ধি বিচ্ছেদ ২।বাগধারা, প্রবচন, জোড়া শব্দ। ৩।বাক্য রূপান্তর , ৪।ক্লোজ পরিচ্ছেদ, বিভাগ: খ- ৫। অনুচ্ছেদ পড়ে বোধ জ্ঞানের বহুবিকল্প প্রশ্ন বিভাগ: গ- ৬। অনুচ্ছেদ পড়ে বোধ জ্ঞানের মুক্ত প্রশ্ন। ৭। শব্দার্থ (অষ্টম শ্রেণির সিলেবাস রিভিশন হবে।)</p> | <p>Paper-1 ক। দু'টি বিষয় থেকে যেকোনো একটি বেছে নিয়ে প্রায় ১২০ শব্দে উত্তর লেখা। খ। তিনটি রচনার মধ্যে থেকে যেকোনো একটি বিষয়ে প্রায় ২০০ শব্দে রচনা লেখা।</p> <p>Paper-2 ১।সন্ধি বিচ্ছেদ ২।বাগধারা, প্রবচন, জোড়া শব্দ ৩।বাক্য রূপান্তর ৪।ক্লোজ পরিচ্ছেদ। বিভাগ: খ- ৫। অনুচ্ছেদ পড়ে বোধ জ্ঞানের বহুবিকল্প প্রশ্ন। বিভাগ: গ- ৬। অনুচ্ছেদ পড়ে বোধ জ্ঞানের মুক্ত প্রশ্ন। ৭। শব্দার্থ।</p> | 50 |
| CT-1 | প্রথম শ্রেণি পরীক্ষা ভাষণ, কথোপকথন লেখা। | ভাষণ, কথোপকথন লেখা। | 15 |
| CT-2 | দ্বিতীয় শ্রেণি পরীক্ষা ১।বাক্য রূপান্তর, ২।ক্লোজ পরিচ্ছেদ, ৩।অনুচ্ছেদ পড়ে বোধ জ্ঞানের বহুবিকল্প প্রশ্ন। | ১।বাক্য রূপান্তর, ২।ক্লোজ পরিচ্ছেদ, ৩।অনুচ্ছেদ পড়ে বোধ জ্ঞানের বহুবিকল্প প্রশ্ন। | 15 |
| | SBA | | 10 |
| | Assignment/Presentation | | 10 |
| | Total | | 100 |