

Final Term Syllabus

Grade-7

Session- 2023-24

ENGLISH

Topic/Title	Page/Unit	Book/Resource
This is the modern world	Unit 4	Cambridge Lower Secondary English Learner's Book 8 and Workbook 8
Heroes	Unit 5	
Monsters	Unit 6	
'The Plantation'	Unit 7	
Choices and decisions	Unit 8	
Endings	Unit 9	
Questions on characters, events, plot, and setting.	Pages: 107 to 161	The Alchemist by Paulo Coelho
Assessment	<p>Internal: 40% Weight</p> <ul style="list-style-type: none"> • Presentations • Homework • Reflections • Literature Tests • Unit End Tests • Writing Practice/Tests • Projects <p>External: 60% Weight</p> <ul style="list-style-type: none"> • Paper 1: Non-Fiction (50 Marks) <ul style="list-style-type: none"> ○ Section A: Reading (25 Marks) <ul style="list-style-type: none"> ▪ Questions based on Knowledge, Comprehension, Application, Analysis, Synthesis, and Evaluation. ○ Section B: Writing (25 Marks) <ul style="list-style-type: none"> ▪ Creation of Texts (5 Marks) ▪ Vocabulary and Language (3 Marks) ▪ Structure of Texts (7 Marks) ▪ Grammar and Punctuation (7 Marks) ▪ Word Structure/Spelling (3 Marks) • Paper 2: Fiction (50 Marks) <ul style="list-style-type: none"> ○ Section A: Reading (25 Marks) <ul style="list-style-type: none"> ▪ Questions based on Knowledge, Comprehension, Application, Analysis, Synthesis, and Evaluation. ○ Section B: Writing (25 Marks) <ul style="list-style-type: none"> ▪ Creation of Texts (5 Marks) ▪ Vocabulary and Language (3 Marks) ▪ Structure of Texts (7 Marks) ▪ Grammar and Punctuation (7 Marks) ▪ Word Structure/Spelling (3 Marks) 	

Final Term Syllabus (2023-24)

Grade -7

বিষয়সমূহ:

গদ্য :

- ১) বাংলা নববর্ষ
- ২) সেই ছেলোটি
- ৩) জগদীশ চন্দ্র বসু

কবিতা :

- ১) ময়নামতীর চর
- ২) ঢাকাই ছড়া

ব্যাকরণ :

- ১) বিপরীত শব্দ (প্রয়োগমূলক)
- ২) প্রতিশব্দ (প্রয়োগমূলক)
- ৩) এক কথায় প্রকাশ (প্রয়োগমূলক)
- ৪) বাগধারা (প্রয়োগমূলক)
- ৫) সন্ধি বিচ্ছেদ
- ৬) বাক্য
- ৭) কম্প্রিহেনশন
- ৮) রচনা
- ৯) চিঠি

সহায়ক বই : বাংলা কিশোর গল্প

- ১) প্রাইজ
- ২) কম্পিউটারিক ভবিষ্যৎ

বিশেষ দ্রষ্টব্যঃ প্রয়োজনে সংযোজন ও বিয়োজন হতে পারে।

<p>Internal Assessment: (Weight: 40% of total Assessment)</p>	<p>Reading Test ,class work,Class Test,Group and project work ,Home work,Presentation.</p>
<p>Final-Term Question Paper: (Weight: 60% of the total Assessment)</p>	<p>Section A (40 marks)</p> <ul style="list-style-type: none"> *Reading comprehension *M.C.Q *Word Meaning *Cloze passage *Opposite Words *Synonyms * Idiom *Shondhi * One word substitution <p>Section-B(20 marks)</p> <ul style="list-style-type: none"> *Eassay Writing *Letter Writing

Mathematics

Book: Cambridge Lower Secondary Mathematics Learner's Book 9

Unit 9: Sequences and functions

Unit 7: Shapes and Measurements

Unit 11: Ratio and proportion

Unit 4: Equations and inequalities

Unit 10: Graphs

Unit 12: Probability [Ex-12.1 to Ex-12.3]

Unit 14: Volume, surface area and symmetry

Unit 15: Interpreting and discussing results [Ex-15.1, Ex-15.2 and Ex-15.4]

Review Topics from Cambridge Lower Secondary Mathematics Learner's Book 7

(Mid term)

Unit 2: Expressions and Formulae [Ex-2.1 to Ex-2.5]

Ex 3.2: Multiplying and dividing decimals

Ex 3.4: Understanding upper and lower bounds

Unit 5: Angles [Ex: 5.1, Ex-5.2 and Ex-5.3]

Ex: 8.2: Fractions and the correct order of operations

Assessment

Internal Assessment

(Weight: 40% of the Total Assessment)

- Formative Assessment:
 - Classwork (Group/Pair/Individual work)
 - Homework
- Summative Assessment:
 - Tests and Marked Assignments

External Assessment

(Weight: 60% of Total Assessment)

Final-Term Question Paper

(Total Marks: 100 to be converted to 60)

- Paper 1: Basic problems for Mathematics (50 marks)
- Paper 2: Math problems with work out (50marks)

Physics

Final Term Syllabus- Grade-7

Session 2023-2024

SUBJECT: PHYSICS

TEXTBOOKS:

1. CAMBRIDGE LOWER SECONDARY SCIENCE LEARNER'S BOOK – 8
2. CAMBRIDGE LOWER SECONDARY SCIENCE WORKBOOK – 8

CAMBRIDGE LOWER SECONDARY SCIENCE LEARNER'S BOOK- 8

CAMBRIDGE LOWER SECONDARY SCIENCE WORKBOOK – 8

Unit -6 – Light

6.3 – Making Rainbow

6.4 - Color of Light

6.5 - Galaxies

6.6 - Rocks in Space

Unit 9 - Magnetism

9.1 - Magnetic Fields

9.2 - The Earth as a Giant Magnet

9.3 - Electromagnets

9.4 - Investigating Electromagnets

CAMBRIDGE LOWER SECONDARY SCIENCE LEARNER'S BOOK – 8

CAMBRIDGE LOWER SECONDARY SCIENCE WORKBOOK – 8

(Revision topics included in Final Term Exam)

Unit 3- Force and Energy – 3.1 – 3.7

Unit 6- Light – 6.1, 6.2

Assessment criteria

Term No: Internal Assessment: (Weight: 40% of the Total Assessment)

Term Assessment: (Weight: 60% of Total Assessment)

Question Pattern:

Structured Questions, Identification from diagram,

labelling, reasoning according to Cambridge format.

Final Term Syllabus- Grade-7

Session 2023-2024

SUBJECT: CHEMISTRY

TEXTBOOKS:

1. CAMBRIDGE LOWER SECONDARY SCIENCE LEARNER'S BOOK – 8

2. CAMBRIDGE LOWER SECONDARY SCIENCE WORKBOOK – 8

CAMBRIDGE LOWER SECONDARY SCIENCE LEARNER'S BOOK- 8

CAMBRIDGE LOWER SECONDARY SCIENCE WORKBOOK – 8

Unit -8 – Chemical reactions

8.1 – Exothermic reactions

8.2 – Endothermic reactions

8.3 – Reactions of metals with oxygen

8.4 - Reactions of metals with water

8.5 - Reactions of metals with dilute acids

CAMBRIDGE LOWER SECONDARY SCIENCE LEARNER'S BOOK – 8

CAMBRIDGE LOWER SECONDARY SCIENCE WORKBOOK – 8

(Revision topics included in Final Term Exam)

Unit 2- Properties of materials – 2.1 to 2.4

Unit 5- Materials and cycles on Earth – 5.1 to 5.5

Assessment criteria

Term No: Internal Assessment: (Weight: 40% of the Total Assessment)

Term Assessment: (Weight: 60% of Total Assessment)

Question Pattern:

Structured Questions, Identification from diagram,

labelling, reasoning according to Cambridge format.

Biology

Unit-7: Diet and Growth

7.1: Nutrients

7.2: A balanced diet

7.3: Growth, development and health

7.4: Moving the body

Revision unit-4: Respiration (Unit-1.1 to 1.5)

Assessment criteria

Term No:	Internal Assessment: 40 marks	Term Assessment: 60 marks
Final term	Summative Test: 20 MCW/H.W: 10 Project/ Oral Markings/ Research work: 10	Structured Questions, Identification from diagram, labeling, reasoning according to Cambridge format.

History & Bangladesh Studies

Chapter	Content
World War II	<ul style="list-style-type: none"> • The world between the wars (Great depression, The rise of dictators, Nazi Germany) • Hitler's rise to power • The world slides into World War II • World War II-The fighting at sea, on land and in the air • Blitzkrieg • The results of World War II
The road to peace- the United Nation (History)	<ul style="list-style-type: none"> • Structure of the UN • History of the UN • UN Peace keeping mission • Strength and Weakness of the UN • Global Issues delt by UN • Specialized agencies of UN
Industrial revolution (History)	<ul style="list-style-type: none"> • The causes of Industrial Revolution • The effects of Industrial Revolution
Bangladesh Studies (Chapter-1) Lalon Shah	<ul style="list-style-type: none"> • Early life of Lalon Shah • Abandoned and a new community • Universal spiritual songs
Bangladesh Studies (Chapter-5) Problems of national integration between East and West Pakistan	<ul style="list-style-type: none"> • The Language Movement
WW1 (Revision Topic) French Revolution (Revision Topic)	<ul style="list-style-type: none"> • Treaty of Versailles • Causes, Consequence, Effects of French Revolution

Assessment (History & Bangladesh)

<p>Internal Assessment (Weight: 40% of the Total Assessment)</p>	<p>Formative Assessment:</p> <ul style="list-style-type: none">● Classwork (Group/Pair/Individual work)● Presentation on textbook topics & introspective questions● Pre-session & exit tasks <p>● Summative Assessment:</p> <ul style="list-style-type: none">○ Class Tests and Marked Assignments○ Presentations○ Project work
<p>External Assessment (Weight: 60% of Total Assessment)</p>	<p><u>Section-A</u> one -word answers, Flow-chart, mind map, Picture identification, map skill,</p> <p><u>Section-B</u> Short Q/A, Q/A with detailed information, Picture description, Comprehension Q/A, introspective questions, Ven diagram,</p>

Geography

GRADE-7

GEOGRAPHY FINAL TERM SYLLABUS

SESSION: 2023-24



CHAPTERS	CONTENTS
Chp-2-Migration	<ul style="list-style-type: none">● What is Migration?● Pull and push factors● Emigrants and immigrants● Types of migration● Refugees● Migration into the UK● Migration within the UK● Migration in Bangladesh<ul style="list-style-type: none">● Migrant workers
Chp-7-Farming	<ul style="list-style-type: none">● Farming systems and types● Tropical agriculture<ul style="list-style-type: none">--Subsistence Farming--Commercial Farming● CAP(Common Agriculture policy)● Changes in farming● Farming and environment● Food supply and malnutrition
Chp-18-Coast	<ul style="list-style-type: none">● Coastal Processes and erosional landforms<ul style="list-style-type: none">--Headlands and bays

	<p>--Caves, Arches and Stacks</p> <p>--Cliffs, wave-cut notches and wave cut platforms</p> <ul style="list-style-type: none"> ● Coastal processes and depositional landforms <p>--Longshore drift</p> <p>--Spit</p> <p>--Sand dunes</p> <p>--Salt Marsh</p>
Chp-10-Tourism	<ul style="list-style-type: none"> ● What is tourism? ● Recent trends and changing patterns ● Holiday regions and resorts in Dhaka city, Cox's bazar and Sri Mangal ● Social, economic and environmental effects of tourism ● Tourism in developing countries <p>Ecotourism</p>
(Revision from Mid term) Chp-6-Employment structure	Only PPT
Chp-11-World Development and Interdependence	Only PPT-1

Assessment

Grade- 7

Geography

Internal Assessment (Weight: 40% of the Total Assessment)	Formative Assessment: <ul style="list-style-type: none"> ● Classwork (Group/Pair/Individual work) ● Presentation on textbook topics & introspective questions ● Pre-session & exit tasks ● Map Work ● Picture identification. ● Diagram drawing ● Diagram labelling ● Calculation ● Graph work.
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	<ul style="list-style-type: none"> ● Summative Assessment: <ul style="list-style-type: none"> ○ Class Tests and Marked Assignments ○ Presentations ○ Project work
External Assessment (Weight: 60% of Total Assessment)	<p><u>Section-A</u> MCQ, Fill in the blanks, one -word answers, Flow-chart, mind map, Picture identification, map skill, True/False, Map Work, Picture identification, Diagram drawing, Diagram labelling, Calculation, Graph work.</p> <p><u>Section-B</u> Short Q/A, Q/A with detailed information, Picture description, Comprehension Q/A, Thought provoking Q/A. opinion base Q/A, Graph work with explanation, Calculation with explanation.</p>

Global Perspectives

Topic	Skill focus	Stage	Learning objectives
Media and communication (Understanding each other)	Evaluation, Analysis. Book-Collaboration, Reflection	Stage-9	<p>Evaluation: Evaluate a range of sources, considering credibility in terms of factors such as the author, purpose, bias and how well they are supported by other sources. Evaluate an argument, considering the structure, reasoning and evidence.</p> <p>Analysis: Identify patterns and trends in graphical or numerical data in order to support an argument or a perspective.</p>
Change in culture and communities (Making a difference in our community)	Research Book-Skill: Research & Analysis	Stage-8	<p>Communication- Listen to ideas and information and offer relevant and well-judged contributions that demonstrate understanding of the issue.</p> <p>Analysis- Explain causes of a local or global issue and consequences on others Suggest and justify different actions to make a positive difference to a national or global issue.</p> <p>Research: Select an appropriate method and conduct research to test predictions and begin to answer a research question. Select, organize and record relevant information from a range of sources and findings from primary research, using appropriate methods.</p>

<p>Climate change, energy and resources (How can we use resources sustainably?)</p>	<p>Communication) Book-Skill: Collaboration & Reflection</p>	<p>Stage-8</p>	<p>communication-Listen to ideas and information and offer relevant and well-judged contributions that demonstrate understanding of the issue. Analysis- Identify ideas and evidence from different perspectives within different sources, on a given issue. Explain how graphical or numerical data supports an argument or a perspective. Evaluation- Evaluate sources, considering the author and purpose, recognizing that some sources may be more credible than others. Research- Construct relevant research questions.</p>
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Assessment

Grade- 7

Global Perspectives

<p>Assessment (Weight: 60% of the Total Assessment-Class activities)</p> <p>Assessment (Weight: 40% of the Total Assessment-Research Paper)</p>	<p>Assessment criteria:</p> <ul style="list-style-type: none"> • Classwork (Group/Pair/Individual work) • Presentation on challenges & introspective questions • Pre-session & exit tasks • Chart paper project • PowerPoint presentation • Marking worksheets • Research paper
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Computer Science (C.Sc)

COMPUTER SCIENCE (C.Sc) SYLLABUS
GRADE-7
FINAL TERM Examination
SESSION: 2023-2024

Resources: Cambridge Lower Secondary Computing 7 and Printed Notes (Handout)	
FINAL TERM: Chapter 4: The power of data: Using data modeling. Chapter 5: Living with AI: Digital Data. Chapter 6: Sequencing and pattern recognition: Getting the Message across. MID TERM: All Chapters from Mid Term	TYPE OF ASSESSMENT <u>PRACTICAL ASSESSMENT</u> 1. Practical work. 2. Project and Activities (Group Presentation). 3. Topic wise (Theory & Practical Test). <u>THEORY ASSESSMENT</u> 1. Chapter wise exercise solving (MCQ, Fill in the Blanks, True-False, Matching, One Word Answer) 2. Chapter wise question answer solving (Steps, How to, Identifying and Labeling) 3. Class Performance.
<u>QUESTION PAPER PATTERN</u> F/B, T/F, ONE WORD ANSWER, TECHNICAL TERMS/TECH WORDS, FULL FORMS, DRAWING DIAGRAM/DEVICE, SHORT QUESTIONS etc.	

Marks Distribution (Total 100)	
Internal Assessment (Total 40) <ul style="list-style-type: none">Summative Test: 20MCW/HW: 10Assignment: 10	Term Assessment (Total 60) <ul style="list-style-type: none">Practical Exam (50 Marks)Theory Exam (30 Marks) <p>*Total Marks will be converted in 60</p>

French

Final Term Syllabus

Subject: French

Grade: 7

Session: 2023-2024

Text Book: Adosphere-1, Method de francais.

Teacher: Mohammed Aatur Rahman

Module 7: (Pages 85-96)

Comment va ta famille? Mon journal de voyage, les prepositions devant pays ou ville, Venez au Sénégal, les prepositions, la journée internationale de la francophone, Mon cours de géographie, Entraîne-toi! Evaluation DELF.

Module 8: (Pages 97 -117)

Samuel, Notre camps de vacances de camps, Mon club nature, Mes fiches animaux, les animaux de compagnie, Mon cours de biologie, Entraîne-toi, Evaluation DELF.

Selected exercises on module 7 and 8 from exercise book.

Internal Assessment (40% marks)

Listening 15%, Speaking 15%, Reading 5%, Writing 5% marks (Total 40%)

Formative Assessment:

Classwork (Group/Pair/Individual/peer work), homework, class Participation/performance, class test, project work, presentation, simulated dialogue practice, listening and speaking activities.

External Assessment (60 % marks)

Summative Assessment:

Final class test on whole syllabus:

Reading 30% and writing 30% marks (Total 60%)