

GEMS ACADEMIA ICSE SCHOOL, REWA
UNIT TEST - II (SESSION: 2026-27)
CLASS - VII
EXAM SYLLABUS & BLUEPRINT
Maximum Marks: 15 Marks
Duration: 35 Minutes

English Language

Syllabus: Chapter 6: Verbs | Chapter 7: Modal Auxiliaries | Chapter 8: Verbs - Finites and Non-Finites | Chapter 9: Simple Present and Continuous Tense | Chapter 10: Simple Past and Continuous Tense

Section	Target Chapters	Question Type & Academic Coverage	Item Count × Marks	Subtotal
Section A	Ch 6, 7, 8, 9 & 10	Grammar Identification & Rules: MCQs / Fill in the blanks testing Finite/Non-Finite verbs, Modal Auxiliaries, and Tense identification.	5 Qs × 1 Mark	5 Marks
Section B	Ch 9 & 10 (Tenses & Verbs)	Sentence Transformation: Converting sentences between Simple Present/Continuous and Simple Past/Continuous, or supplying modals.	2 Qs × 2 Marks	4 Marks
Section C	Ch 6, 7 & 8 (Grammar Application)	Application & Error Correction: Combining sentences using Non-Finites and identifying/correcting verb tense errors.	2 Qs × 3 Marks	6 Marks
Total			9 Questions	15 Marks

English Literature

Syllabus: Chapter 3A: Little Girl Wiser | Chapter 3B: Star Tree | Chapter 4: The Canterville Ghost

Section	Target Chapters	Question Type & Academic Coverage	Item Count × Marks	Subtotal
Section A	Ch 2, 3, & 4	Textual Recall & Vocabulary: MCQs or Oneword answers based on character identification, word meanings, and key plot facts.	5 Qs × 1 Mark	5 Marks
Section B	Ch 3A & Ch 3B	Short Answer Questions: Conceptual questions based on main themes, moral lessons, or poetic imagery from prose/poetry.	2 Qs × 2 Marks	4 Marks
Section C	Ch 4 (The Canterville Ghost)	Extract Based / Long Answer: Reference to Context (RTC) or character analysis / plot explanation question.	2 Qs × 3 Marks	6 Marks
Total			9 Questions	15 Marks

Mathematics

Syllabus: Chapter 4: Exponents, Chapter 5: Sets

Section	Target Chapters	Question Type & Academic Coverage	Item Count × Marks	Subtotal
Section A	Exponents & Sets	Formula Recall & Identification: MCQs testing exponential product laws and identifying Finite/Infinite/Null sets.	5 Qs × 1 Mark	5 Marks
Section B	Exponents & Sets	Procedural/Structural Solving: One question on basic simplification of exponential terms, and one question to convert a set from Roster to Set-Builder form.	2 Qs × 2 Marks	4 Marks
Section C	Exponents & Sets	Logical Proof & Application: One algebraic proof question using laws of exponents, and one problem calculating set problem.	2 Qs × 3 Marks	6 Marks
Total			9 Questions	15 Marks

Physics

Syllabus: Ch 2: Motion, Ch 3: Energy, Ch 4: Light Energy

Section	Target Chapters	Question Type & Academic Coverage	Item Count × Marks	Subtotal
Section A	Ch 2, 3, & 4	Factual Recall: Fill-in-the-blanks tracking standard SI units of motion, properties of light, and forms of energy.	5 Qs × 1 Mark	5 Marks
Section B	Motion & Energy	Conceptual Differentiation: Direct comparison questions (e.g., distinguishing between Scalar vs Vector quantities or Kinetic vs Potential energy).	2 Qs × 2 Marks	4 Marks
Section C	Motion & Light	Numerical & Diagram Analysis: One mathematical problem calculating Speed/Distance/Time, and one active ray-diagram drawing of reflection.	2 Qs × 3 Marks	6 Marks
Total			9 Questions	15 Marks

Chemistry

Syllabus: Ch 2: Changes Around Us, Ch 3: Separation of Substances

Section	Target Chapters	Question Type & Academic Coverage	Item Count × Marks	Subtotal
Section A	Ch 2 & 3	Classification & Identification: Objective questions to classify real-world scenarios as either physical or chemical changes.	5 Qs × 1 Mark	5 Marks
Section B	Separation Techniques	Conceptual Definition: Direct technical definitions explaining terminology like Sublimation, Evaporation, or Reversible changes.	2 Qs × 2 Marks	4 Marks
Section C	Ch 2 & 3	Structural & Process Explanation: One descriptive question explaining an experiment setup with a labeled diagram, and one structural reason-based question (e.g., why rusting is a chemical change).	2 Qs × 3 Marks	6 Marks
Total			9 Questions	15 Marks

Biology

Syllabus: Ch 2: Photosynthesis

Section	Target Chapters	Question Type & Academic Coverage	Item Count × Marks	Subtotal
Section A	Objective Type	Q1. Give one word for the following / True or False — 3 Marks (3 Questions × 1 Mark each) Q2. Multiple Choice Questions (MCQs) — 2 Marks (2 Questions × 1 Mark each)	5 Qs × 1 Mark	5 Marks
Section B	Shot Question	Short Answer Questions — 4 Marks (2 Questions × 2 Marks each)	2 Qs × 2 Marks	4 Marks
Section C	Long Question	Experimental / Application Question — 3 Marks (1 Question × 3 Marks) Diagram-based Question — 3 Marks (1 Question × 3 Marks)	2 Qs × 3 Marks	6 Marks
Total			9 Questions	15 Marks

History & Civics

Syllabus: History - Ch 2: Medieval Europe | Civics - Ch 1: The Constitution of India

Section	Subject Stream	Question Type & Academic Coverage	Item Count × Marks	Subtotal
Section A	History & Civics	Factual Recall: Chronological MCQs and date identification (3 Questions from Feudal Europe + 2 Questions from Indian Constitution timelines).	5 Qs × 1 Mark	5 Marks

Section B	History & Civics	Conceptual Definition: Structural meaning-based questions explaining basic terms (e.g., What is Feudalism? or What is a Preamble?).	2 Qs × 2 Marks	4 Marks
Section C	History & Civics	Analytical & Structured Long Answer: One analysis question on the historical impact of the Crusades, and one structured essay-style question listing key features of the Indian Constitution.	2 Qs × 3 Marks	6 Marks
Total			9 Questions	15 Marks

Geography

Syllabus: Ch 2: Atmosphere, Ch 3: Weather and Climate

Section	Target Chapters	Question Type & Academic Coverage	Item Count × Marks	Subtotal
Section A	Ch 2 & 3	Instrument & Layer Identification: Matching weather parameters with measuring instruments (Barometer/Thermometer) and labeling atmospheric layers.	5 Qs × 1 Mark	5 Marks
Section B	Climate Elements	Conceptual Differentiation: Direct comparison questions detailing Weather vs Climate or defining structural properties of the Greenhouse effect.	2 Qs × 2 Marks	4 Marks
Section C	Atmosphere Basics	Analytical Explanation: Structural analysis questions explaining the chemical composition of the atmosphere or analyzing factors that affect regional temperatures.	2 Qs × 3 Marks	6 Marks
Total			9 Questions	15 Marks

Computer Science

Syllabus: Ch 4: Ethics and Safety Measures, Ch 5: Spreadsheets

Section	Target Chapters	Question Type & Academic Coverage	Item Count × Marks	Subtotal
Section A	Ethics & Spreadsheets	Identification & True/False: Spotting security threats (Plagiarism/Phishing) and identifying basic Excel sheet interface markers (Rows/Columns/Active Cells).	5 Qs × 1 Mark	5 Marks
Section B	Ethics & Spreadsheets	Technical Definition: Direct definitions explaining structural terms like Cell Address, Cyber Ethics, or active data grids.	2 Qs × 2 Marks	4 Marks
Section C	Ethics & Spreadsheets	Procedural Application: One application question listing 3 online safety protocols, and one structural coding task writing out correct Excel mathematical formulas (e.g., SUM or AVERAGE).	2 Qs × 3 Marks	6 Marks

Total			9 Questions	15 Marks
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हिन्दी

पाठ्यक्रम: साहित्य (पाठ 4: वीर अभिमन्यु, पाठ 5: कैकेयी का त्याग) | व्याकरण (संधि, संज्ञा, सर्वनाम) | पत्र लेखन

भाग (Section)	पाठ्यक्रम का हिस्सा	प्रश्न का प्रकार और शैक्षणिक कवरेज (Question Type & Coverage)	प्रश्नों की संख्या × अंक	कुल अंक
भाग क (Section A)	हिन्दी व्याकरण	व्याकरण पहचान एवं नियम (Grammar Identification): वाक्यों में से संज्ञा/सर्वनाम शब्दों को पहचानना तथा संधि विच्छेद करने वाले बहुविकल्पीय प्रश्न (MCQs)।	5 प्रश्न × 1 अंक	5 अंक
भाग ख (Section B)	हिन्दी साहित्य	पाठ आधारित प्रत्यक्ष प्रश्न (Direct Textual Conceptual): पाठ 'वीर अभिमन्यु' और 'कैकेयी का त्याग' की कहानियों के आधार पर लघु प्रश्न-उत्तर।	2 प्रश्न × 2 अंक	4 अंक
भाग ग (Section C)	साहित्य / व्याकरण प्रयोग	विस्तृत उत्तर / व्याख्यात्मक प्रश्न: पाठ के संदर्भ आधारित दीर्घ प्रश्न या व्याकरण नियमों का सकारण स्पष्टीकरण।	2 प्रश्न × 6 अंक	3 अंक
कुल योग			9 प्रश्न	15 अंक

संस्कृत

पाठ्यक्रम: पाठ 5: लट् लकार (वार्तालाप), पाठ 6: लोट् लकार (आज्ञार्थक) | व्याकरण परिशिष्ट: "फल" शब्द रूप, "भू" व "गम्" धातु रूप

भाग (Section)	पाठ्यक्रम का हिस्सा	प्रश्न का प्रकार और शैक्षणिक कवरेज (Question Type & Coverage)	प्रश्नों की संख्या × अंक	कुल अंक
भाग क (Section A)	पाठ 5 एवं पाठ 6	लकार धातु रूप पहचान (Grammar Recall): वाक्यों के कर्ता के अनुसार सही लट् (वर्तमान) अथवा लोट् (आज्ञार्थक) लकार के क्रिया पद चुनकर रिक्त स्थान भरना।	5 प्रश्न × 1 अंक	5 अंक
भाग ख (Section B)	व्याकरण: शब्द रूप	तालिका पूर्ति / विभक्ति पहचान (Structural Matrix): "फल" शब्द की पूछी गई विशिष्ट विभक्तियों (जैसे- प्रथमा, तृतीया) के एकवचन, द्विवचन, बहुवचन रूपों को लिखना।	2 प्रश्न × 2 अंक	4 अंक
भाग ग (Section C)	व्याकरण: धातु रूप	संपूर्ण क्रिया तालिका संरचना (Full Conjugation Table): "भू" अथवा "गम्" धातु के पुरुषों (प्रथम, मध्यम, उत्तम) के अनुसार पूरे धातु रूप की तालिका बनाना।	2 प्रश्न × 3 अंक	6 अंक
कुल योग			9 प्रश्न	15 अंक