

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

Mathematics

Syllabus: Chapter 19: Trigonometric Ratio, Chapter 20: Trigonometric ratio of standard Angles

Section	Evaluation Parameter	Structural Blueprint & Question Style	Item Count × Marks	Subtotal
Section A	Objective Type & very Short answer	Q1. Multiple Choice Questions (MCQs) — 3 Marks (3 Questions × 1 Mark each) 1 Q: Simple ratio identification 1 Q: Direct value substitute 1 Q: Complementary or simple property check. Very Short Answer / Evaluation — 2 Marks (1 Question × 2 Marks)	5 Qs × 1 Mark	5 Marks
Section B	Short Answer	Short Answer — 2 Marks (1 Question × 2 Marks)	1 Qs × 2 Marks	2 Marks
Section C	Long answer	Long Answer / Proof Type — 4 Marks (1 Question × 4 Marks) Q5. Structured/Multi-step Question — 4 Marks (1 Question × 4 Marks)	2 Qsx 4 Marks	8 Marks
Total			9 Questions	15 Marks

Physics

Syllabus: Chapter 2: Motion in One Dimension, Chapter 3: Laws of Motion (3A & 3B)

Section	Evaluation Parameter	Structural Blueprint & Question Style	Item Count × Marks	Subtotal
Section A	Scientific Notation	Metric & Factual Identification: Objective blanks or matching questions testing standard SI metric units, scalar/vector terminology, and basic mechanical constants.	5 Qs × 1 Mark	5 Marks
Section B	Foundational Logic	Conceptual Differentiation: Text-based short answers requiring direct validation or contrast between overlapping physical laws, forces, or types of motion.	2 Qs × 2 Marks	4 Marks
Section C	Quantitative Evaluation	Numerical Application & Graphing: One algebraic kinematic/force numerical problem using core equations, and one motion graph analysis or conceptual layout task.	2 Qs × 3 Marks	6 Marks

Total			9 Questions	15 Marks
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Chemistry

Syllabus: Chapter 3: Water

Section	Evaluation Parameter	Structural Blueprint & Question Style	Item Count × Marks	Subtotal
Section A	Properties & Memory	Chemical Classification: Objective true/false or fill-in-the-blanks checking chemical definitions, solubility trends, and standard chemical vocabulary.	5 Qs × 1 Mark	5 Marks
Section B	Chemical Mechanics	Technical Definition: Short-answer questions testing precise definitions of aqueous phenomena, moisture-related properties, or bonding terminology.	2 Qs × 2 Marks	4 Marks
Section C	Process Synthesis	Experimental & Operational Evaluation: Long-form structured questions analyzing behavioral changes, chemical testing reactions, or experimental laboratory configurations.	2 Qs × 3 Marks	6 Marks
Total			9 Questions	15 Marks

Biology

Syllabus: Chapter 3: Tissues - Plant and Animal Tissues | Chapter 4: The Flower

Section	Evaluation Parameter	Structural Blueprint & Question Style	Item Count × Marks	Subtotal
Section A	Biological Recall	Objective Nomenclature & Identification: Multiple-choice items testing tissue types, floral whorls, cellular characteristics, and anatomical definitions.	5 Qs × 1 Mark	5 Marks
Section B	Structural Analysis	Conceptual Differentiation & Functions: Short-answer questions on functions of specific plant/animal tissues, structure of floral parts, or comparative traits.	2 Qs × 2 Marks	4 Marks
Section C	Diagrammatic Synthesis	Diagrammatic & Evaluative Analysis (Long Questions): Structured questions including floral diagram interpretations, tissue section identification, or process evaluations.	2 Qs × 3 Marks	6 Marks
Total			9 Questions	15 Marks

History & Civics

Syllabus: History Chapter 3: Rise of Jainism and Buddhism | Civics Chapter 2: The Salient Features of Our Constitution

Section	Evaluation Parameter	Structural Blueprint & Question Style	Item Count × Marks	Subtotal
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Section A	Core Timelines	Factual Information Recall: Chronological multiple-choice questions targeting specific historical texts, foundational timelines, and legal terminology.	5 Qs × 1 Mark	5 Marks
Section B	Institutional Literacy	Conceptual Explanation: Short-answer questions testing structural features, social contexts, or definitions of constitutional concepts.	2 Qs × 2 Marks	4 Marks
Section C	Critical Analysis	Structured Long-Form Evaluation: Paragraph-style questions focusing on philosophical impacts, historical shifts, or institutional functions of governance.	2 Qs × 3 Marks	6 Marks
Total			9 Questions	15 Marks

Geography

Syllabus: Chapter 2: Geographic Grid: Latitudes and Longitudes, Chapter 3: Rotation and Revolution of the Earth

Section	Evaluation Parameter	Structural Blueprint & Question Style	Item Count × Marks	Subtotal
Section A	Spatial Identifiers	Grid & System Mapping: Multiple-choice questions or single-word items testing spatial coordinates, planetary measurements, and celestial movements.	5 Qs × 1 Mark	5 Marks
Section B	Planetary Mechanics	Conceptual Comparison: Short-answer definitions contrasting dual environmental parameters, angular coordinates, or planetary phenomena.	2 Qs × 2 Marks	4 Marks
Section C	Time & Seasonal Analysis	Quantitative Time Calculations & Diagrams: One direct computational problem to calculate local time variations and one structural diagram-based solar phenomenon interpretation.	2 Qs × 3 Marks	6 Marks
Total			9 Questions	15 Marks

English Language

Syllabus: Conjunctions, Prepositions, Conditionals, Degrees of Comparison, Active & Passive, Direct & Indirect, Formal/Informal Letter Formatting.

Section	Evaluation Parameter	Structural Blueprint & Question Style	Item Count × Marks	Subtotal
Section A	Functional Syntax	Grammatical Linkers & Cloze Items: Objective items testing correct prepositional usage and functional sentence connections.	5 Qs × 1 Mark	5 Marks
Section B	Syntactic Shift	Structural Sentence Transformation: Sentence modifications requiring active/passive voices adjustments, reporting changes, or swapping comparison structures.	2 Qs × 2 Marks	4 Marks
Section C	Written Expression	Formal Correspondence & Logic: Evaluates structural letter layout execution, technical address placement,	1 Q × 6 Marks	6 Marks

		and thematic expression using formal/informal styling templates.		
Total			8 Questions	15 Marks

English Literature

Syllabus (Treasure Chest): Prose Ch 1: Oliver Asks for More | Poetry Ch 1: A Work of Artifice, Ch 2: Skimbleshanks: The Railway Cat

Section	Evaluation Parameter	Structural Blueprint & Question Style	Item Count × Marks	Subtotal
Section A	Narrative Detail	Objective Literary Text Recall: Multiple-choice items evaluating primary setting specifics, character interactions, or contextual word choices.	5 Qs × 1 Mark	5 Marks
Section B	Theme Comprehension	Character & Perspective Review: Direct short-answer text analysis evaluating character motives, narrative progressions, or core author viewpoints.	2 Qs × 2 Marks	4 Marks
Section C	Contextual Extraction	Reference to Context (RTC): A short textual prose/verse extract followed by structural inferential sub-questions testing literary device identification and deeper context interpretation.	2 Qs × 3 Marks	6 Marks
Total			9 Questions	15 Marks

हिन्दी

पाठ्यक्रम: साहित्य सागर [गद्य: पाठ 3 (महायज्ञ का पुरस्कार) | पद्य: पाठ 3 (स्वर्ग बना सकते हैं)] | व्याकरण (तत्सम-तद्भव, विलोम शब्द, अनेक शब्दों के लिए एक शब्द)

भाग (Section)	मूल्यांकन का क्षेत्र	प्रश्न का प्रकार और शैक्षणिक प्रारूप (Academic Scope & Format)	प्रश्नों की संख्या × अंक	कुल अंक
भाग क (Section A)	व्याकरणिक शुद्धता	वस्तुनिष्ठ भाषाई पहचान: तत्सम-तद्भव रूपांतरण, शुद्ध विलोम युग्मों की पहचान तथा वाक्यांशों के लिए उपयुक्त शब्द चयन पर आधारित बहुविकल्पीय प्रश्न (MCQs)।	5 प्रश्न × 1 अंक	5 अंक
भाग ख (Section B)	कथात्मक अवबोधन	पाठ्यपुस्तक आधारित लघु समीक्षा: निर्धारित गद्य एवं पद्य पाठों के मुख्य पात्रों की मनोदशा, कथनों के निहितार्थ तथा मूल कथा-वस्तु से संबंधित प्रत्यक्ष प्रश्न।	2 प्रश्न × 2 अंक	4 अंक
	वैचारिक विश्लेषण	अवतरण आधारित विस्तृत उत्तर (RTC): पाठ से लिए गए मुख्य अंश/काव्य पंक्तियों पर आधारित व्याख्यात्मक उप-प्रश्न, जो छात्रों की गहन तार्किक और नैतिक सोच का परीक्षण करेंगे।	2 प्रश्न × 3 अंक	6 अंक
कुल योग			9 प्रश्न	15 अंक