



**DELHI PUBLIC SCHOOL AGRA**  
(Under the aegis of The Delhi Public School Society, East of Kailash, New Delhi)  
**ENTRANCE EXAM SYLLABUS (2026-27)**  
**GRADE XI**



**FOR STUDENTS OPTING PCM OR COMMERCE WITH MATH COMBINATION**

**ENGLISH**

Reading-Unseen Passage

Writing skills-Formal Letter (Editor/Placing an order/Inquiry/Complaint), Article Writing, Speech writing, Debate writing

Grammar-Tenses, Modals, Determiners, Clauses, Phrasal verbs, Reported Speech, Active and Passive Voice, Reordering of sentences, Transformation of sentences

**PHYSICS**

1. Light - Reflection and Refraction
2. The Human Eye and the Colourful World
3. Electricity
4. Magnetic Effects of Electric Current

**CHEMISTRY**

1. Chemical Reactions and Equations
2. Acids, Bases and salts
3. Metals and Non- metals
4. Carbon and it's Compounds

**MATHEMATICS**

1. Real Numbers (Except Euclid's Division Lemma)
2. Polynomials (Except Division Algorithm)
3. Pair of Linear Equations in Two Variables (Except Cross-Multiplication Method)
4. Quadratic Equations (Except situational problems based on equations reducible to quadratic equations)
5. Arithmetic Progressions (Except application in solving daily life problems based on sum of n terms)
6. Similarity of Triangles (Except Proof of Area Ratio Theorem and Pythagoras Theorem)
7. Circles
8. Coordinate Geometry (Except Area of Triangle)
9. Introduction to Trigonometry (Except Trigonometric ratios of Complementary Angles)
10. Areas related to Circles (Except problems on central angle of  $120^\circ$ )
11. Surface Areas and Volumes (Except Frustum of Cone)
12. Statistics (Except Step Deviation Method for finding Mean and Cumulative Frequency Graph)
13. Probability



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**BIOLOGY**

1. Life processes
2. Control and Coordination
3. Our Environment
4. How do organisms reproduce
5. Heredity.



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**GENERAL MATHEMATICS**

Percentage, Profit and Loss, Unitary Method, Average, Simple Interest (fundamental concepts will be tested)



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**APPLIED MATHEMATICS**

1. Average
2. Time, Work and Distance
3. Simple Interest and Compound Interest
4. Polynomials
5. Linear Equation in two variables
6. Quadratic Equation
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**SOCIAL SCIENCE**

1. The Rise of Nationalism in Europe
2. Nationalism in India
3. Federalism
4. Outcomes of Democracy
5. Political Parties
6. Development
7. Sectors of the Indian Economy
8. Globalization and the Indian Economy
9. Minerals and Energy Resources
10. Manufacturing Industries
11. Agriculture
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