



GORAKHPUR | KUSHINAGAR | DEORIA

ACADEMIC SESSION 2027-28

Entrance Examination Syllabus

Portion for Entrance Examination

CLASS — XI

ENGLISH (10 QUESTIONS)

Portion based on Class 10 English –
Grammar Topics:

- Subject-verb agreement, complex tenses, conditionals, advanced transformation, clauses and phrases, parallelism, modifiers, advanced error detection, contextual vocabulary and reading comprehension.

HINDI (10 QUESTIONS)

Based on Class 10 Hindi :
Grammar Topics:

- उन्नत संधि एवं समास, जटिल वाक्य-रचना, उपवाक्य, पदबंध, वाक्य-शुद्धि, शब्द-निर्माण, सूक्ष्म अर्थ-भेद, मुहावरे-लोकोक्तियाँ और अपठित गद्यांश।



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CLASS — XI

MATHEMATICS (10 QUESTIONS)

Based on Class 10 Maths Topics:

- Real Numbers (Euclid's Division Lemma, HCF, LCM)
- Polynomials (Zeros of polynomials, Relationship between coefficients and zeros)
- Quadratic Equations (Roots and their Nature)
- Coordinate Geometry (Distance, Section, and Area formulas)
- Trigonometry (Identities, Heights and Distances)
- Statistics (Mean, Median, Mode)

SCIENCE (10 QUESTIONS)

Based on Class 10 Science Topics:

- Chemical Reactions and Equations
- Acids, Bases, and Salts
- Life Processes (Nutrition, Respiration, Excretion)
- Control and Coordination
- Light – Reflection and Refraction
- Electricity (Ohm's Law, Circuit concepts)



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CLASS — XI

SOCIAL SCIENCE (10 QUESTIONS)

Based on Class 10 History, Geography, Civics, and Economics Topics:

- Nationalism in India (History)
- Resources and Development (Geography)
- Water Resources / Agriculture (Geography)
- Power Sharing and Federalism (Civics)
- Sectors of the Indian Economy (Economics)
- Money and Credit (Economics)