



## J K JAIN OPEN SCHOLARSHIP TEST - ROUND 1 (FOR SESSION 2025 - 27) SYLLABUS

### NON - MEDICAL

#### English :

- **Reading** : Comprehension (Unseen Passage - Discursive/ Factual)
- **Writing** : Formal Letter (Letter of Enquiry, Letter of Placing Order, Letter to the Editor), Analytical Paragraph
- **Grammar** : Integrated Grammar (Determiners, Tenses, Modals, Subject - Verb Concord, Reported Speech - commands and requests/Statements/Questions)

**Physics** : Light , Human Eye , Electricity (upto Ohm's Law)

**Chemistry** : Chemical Reactions and Equations ; Acid, Bases and Salts ; Metals & Non Metals ; Isotopes, Isobars, Isoelectronic species, Mole concept

**Mathematics** : Number System ; Polynomials ; Pair of Linear Equations in 2 variables ; Quadratic Equations ; Arithmetic Progression ; Coordinate Geometry ; Introduction to Trigonometry ; Some Applications of Trigonometry

### MEDICAL

#### English :

- **Reading** : Comprehension (Unseen Passage - Discursive/ Factual)
- **Writing** : Formal Letter (Letter of Enquiry, Letter of Placing Order, Letter to the Editor), Analytical Paragraph
- **Grammar** : Integrated Grammar (Determiners, Tenses, Modals, Subject - Verb Concord, Reported Speech - commands and requests/Statements/Questions)

**Physics** : Light , Human Eye , Electricity (upto Ohm's Law)

**Chemistry** : Chemical Reactions and Equations ; Acid, Bases and Salts ; Metals & Non Metals ; Isotopes, Isobars, Isoelectronic species, Mole concept

**Biology** : Life Processes (nutrition in plants and animals, respiration) ; Control and coordination ; How do organisms reproduce (till double fertilization)

## COMMERCE

### **English :**

- **Reading** : Comprehension (Unseen Passage - Discursive/ Factual)
- **Writing** : Formal Letter (Letter of Enquiry, Letter of Placing Order, Letter to the Editor), Analytical Paragraph
- **Grammar** : Integrated Grammar (Determiners, Tenses, Modals, Subject - Verb Concord, Reported Speech - commands and requests/Statements/Questions)

**Economics** : Development ; Sectors of the Indian Economy ; Money and Credit

**Mathematics** : Number System ; Polynomials ; Pair of Linear Equations in 2 variables ; Quadratic Equations ; Arithmetic Progression ; Coordinate Geometry ; Introduction to Trigonometry ; Some Applications of Trigonometry

**Statistics** : Measures of Central Tendency - Mean , Median & Mode (Class IX & X)

## HUMANITIES

### **English :**

- **Reading** : Comprehension (Unseen Passage - Discursive/ Factual)
- **Writing** : Formal Letter (Letter of Enquiry, Letter of Placing Order, Letter to the Editor), Analytical Paragraph
- **Grammar** : Integrated Grammar (Determiners, Tenses, Modals, Subject - Verb Concord, Reported Speech - commands and requests/Statements/Questions)

**History** : The Rise of Nationalism in Europe ; Nationalism in India

**Political Science** : Power Sharing ; Federalism ; Gender, Religion and Caste

**Geography** : Resources and Development ; Forest and Wildlife Resources ; Water Resources

**Economics** : Development ; Sectors of the Indian Economy ; Money and Credit

## **PRINCIPAL**