

LALIT TUTORIALS

FOUNDATION ENTRANCE SCHOLARSHIP TEST (FEST 2026)

OFFICIAL SAMPLE QUESTION PAPER — SCIENCE & MATHEMATICS

Time: 90 Minutes

Max Marks: 200

Total Questions: 50

Negative Marking: None

GENERAL INSTRUCTIONS FOR CANDIDATES:

1. This booklet contains official sample questions designed as per latest FEST pattern.
2. All questions are multiple choice (MCQs) with four options out of which ONLY ONE is correct.
3. Mark answers clearly using a Blue / Black ballpoint pen on the provided OMR Answer Sheet.
4. Rough work can be done in the blank spaces provided at the bottom of question pages.

SECTION A — GENERAL SCIENCE & PHYSICS (Max Marks: 80)

Q1. What type of force is exerted by a magnet on iron nails without physical contact?

- (A) Frictional force (B) Electrostatic force (C) Magnetic force (D) Gravitational force

Q2. A body travels a distance of 120 meters in 12 seconds with uniform speed. Its speed is:

- (A) 5 m/s (B) 10 m/s (C) 12 m/s (D) 15 m/s

Q3. Which organ in the human digestive system produces bile juice essential for fat digestion?

- (A) Stomach (B) Liver (C) Pancreas (D) Gallbladder

Q4. An electric cell converts which form of stored energy into electrical energy?

- (A) Mechanical energy (B) Chemical energy (C) Thermal energy (D) Nuclear energy

Q5. The process of transfer of heat without the requirement of any material medium is known as:

- (A) Conduction (B) Convection (C) Radiation (D) Insulation

SECTION B — MATHEMATICS (Max Marks: 80)**Q6. If $3x + 15 = 45$, what is the value of $2x - 5$?**

- (A) 15 (B) 20 (C) 25 (D) 10

Q7. The sum of all interior angles of a quadrilateral is always equal to:

- (A) 180° (B) 270° (C) 360° (D) 540°

Q8. A shopkeeper gives a discount of 20% on a book marked at Rs. 250. The selling price is:

- (A) Rs. 200 (B) Rs. 180 (C) Rs. 220 (D) Rs. 210

Q9. The square root of 1764 is equal to:

- (A) 38 (B) 42 (C) 44 (D) 46

Q10. The perimeter of a rectangle is 48 cm. If its length is 16 cm, its area is:

- (A) 128 sq.cm (B) 144 sq.cm (C) 96 sq.cm (D) 112 sq.cm

SECTION C — MENTAL ABILITY & LOGICAL REASONING (Max Marks: 40)**Q11. Complete the number series: 3, 6, 12, 24, 48, ?**

- (A) 72 (B) 96 (C) 84 (D) 64

Q12. If in a code language 'BOOK' is written as 'CPPL', how will 'NOTE' be written?

- (A) OPUF (B) MPSD (C) ONUF (D) OPVF

Q13. Find the odd one out among the following words:

- (A) Square (B) Triangle (C) Rectangle (D) Cube

Q14. Pointing to a photograph, Rahul said, 'She is the mother of my only brother.' Who is she?

- (A) Rahul's Mother (B) Rahul's Sister (C) Rahul's Aunt (D) Grandmother

Q15. If '+' means 'multiply' and '-' means 'divide', evaluate: $20 - 4 + 3 =$

- (A) 12 (B) 15 (C) 18 (D) 8

OFFICIAL MODEL ANSWER KEY (QUESTIONS 1 TO 15)

Q1: (C)	Q2: (B)	Q3: (B)	Q4: (B)	Q5: (C)
Q6: (A)	Q7: (C)	Q8: (A)	Q9: (B)	Q10: (A)
Q11: (B)	Q12: (A)	Q13: (D)	Q14: (A)	Q15: (B)

FEST 2026 MERIT SCHOLARSHIP CRITERIA

SCORE RANGE	SCHOLARSHIP %	PROGRAM ELIGIBILITY
180 - 200 Marks (Top 1% Merit)	100% Tuition Fee Waiver	Foundation Super 30 Batch
150 - 179 Marks (Merit Tier 1)	75% - 90% Scholarship	Foundation Star Batch
120 - 149 Marks (Merit Tier 2)	50% - 60% Scholarship	Foundation Regular Batch
100 - 119 Marks (Merit Tier 3)	25% - 40% Scholarship	Foundation Entry Batch

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