

ENTRANCE EXAM FOR STD: VIII

MATHEMATICS.

Total - 25

SECTION - A

3 × 3 = 9.

- (1) Solve: $8\frac{1}{2} - 3\frac{5}{8}$
- (2) Find a number, such that one-fourth of the number is 3 more than 7.
- (3) Prove that the total measure of the three angles of a triangle is 180.

SECTION - B 4 × 4 = 16

- (4) Meeta saves ₹400 from her salary. If this is 10% of her salary. What is her salary.
- (5) List eight rational numbers between -2 and -1.
- (6) From the sum of $4 + 3x$ and $5 - 4x + 2x^2$, subtract the sum of $3x^2 - 5x$ and $-x^2 + 2x + 5$.
- (7) Juhi sells a washing machine for ₹13,500. She loses 20% in the bargain. What was the price at which she bought it.

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