

ENTRANCE EXAM FOR STD. - VIII

MATHEMATICS.

Total - 25

SECTION - A

$3 \times 3 = 9$ .

- 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  $180^\circ$ .

SECTION - B.  $4 \times 4 = 16$ .

- 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  $-x^2 + 2x + 1$ .
- 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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