

(50)

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ENTRANCE EXAM. FOR STD. - VIII

MATHEMATICS.

Total - 25

SECTION - A

$3 \times 3 = 9$ .

- ① Using divisibility test determine whether 70169400 is divisible by 11.
- ② Find HCF of 120, 180 and 240.
- ③ Two ropes are  $5\frac{1}{3}$  m and  $6\frac{1}{5}$  m long. Find the total length of rope.

SECTION - B

$4 \times 4 = 16$ .

- ④ Name all adjacent angles and adjacent sides of quadrilateral PQRS.
- ⑤ Find the ratios of the following:
  - ① 4 litres to 250 ml.
  - ② 2 dozen to 4 scores.
- ⑥ Determine, if the following numbers in the given order are proportional.

34, 48, 70, 210.

⑦ Simplify :

- ①  $4 - (-9) + 7 + (-3)$
- ②  $4 - 2 + 2 - 4 - 2 + 2$

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