

Mantra to get the best outcome .....



## MATHEMATICS

## TIME : 2 hr.

## [All Questions carry 4 marks]

- 1. Express the following percentages as fractions
  - (i) 356% (ii)  $16\frac{2}{3}\%$
- 2. Express the following fractions as percentages

(i) 
$$\frac{9}{20}$$
 (ii)  $\frac{3}{2}$ 

- Express the following ratios as percentage
  (i) 17:20
  (ii) 93:80
- 4. Find the value of = 27% of rupees 50
- 5. In school, 38% of the students are girls. If the number of boys is 1023, find the total strength of the school.
- 6. Out of 8000 candidates, 60% were boys. If 80% of the boys and 90% of The girls passed the exam find the number of candidates who failed.
- On increasing the price of an article by 16%, it becomes rupees 1479. What was its original price?
- 8. Increase a price of 200 Rupees by 10% and then decrease the new price by 10% is the final price same as the original one?
- 9. What percent of

## Class 8th ICSE

(i) 50 kg is 65 kg (ii) rupees 9 is rupees 4

- 10. (i) What number when increased by 15% becomes 299?
  - (ii) Decrease the number 750 by 10%.



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IIT-JEE + NEET + KVPY + OLYMPIAD + NTSE

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