- (1) 40% of 160 +  $\frac{1}{3}$  of 240
- (2) 120% of 1200
- (2) 120/8 01 1200
- (3) 38 x 12 39 x 8
- (4) 1648 938 566
- (5)  $6\frac{1}{2}$  of  $140 2.5 \times 306.4$
- 6. What should come in the place of (?) question marks?

$$\frac{?}{24} = \frac{72}{\sqrt{?}}$$

- (1) 12
- (2) 16
- (3) 114
- (4) 144
- (5) None of these
- 7. If the height of a triangle is decreased by 40% and its base is increased by 40% what will be the effect on its area?
  - (1) No change
  - (2) 16% increase
  - (3) 8% decreased
  - (4) 16% decreased
  - (5) None of these
- 8. In 1 kg mixture of sand and iron 20% is iron. How much sand would be added so that the proportion of iron becomes 10%?
  - (1) 1 kg
  - (2) 200 gms
  - (3) 800 gms
  - (4) 1.8 kg
  - (5) None of these
- 9. The denominator of a fraction is 2 more than thrice its numerator. If the numerator as well as denominator is increased by one, the fraction become  $\frac{1}{3}$ . What was the original fraction?
  - $(1) \frac{4}{13}$
  - (2)  $\frac{3}{11}$

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