

## Competitive Exams Reasoning Sample Paper 5

Q-1. The L.C.M and H.C.F of two positive numbers is 400 and 40 respectively. If one of the numbers is 200, what is the other number?

- (a) 80
- (b) 50
- (c) 60
- (d) 40

Q-2. How much must be subtracted from 34968725 to make it exactly divisible by 12 ?

- (a) 0
- (b) 7
- (c) 5
- (d) Cannot be determined

Q-3. A person earns Rs. 400 on a capital of Rs. 1000 as simple interest in 4 year. If the same rate of interest is applicable compound (p.a), what would be the compound interest for 2 year?

- (a) Rs. 200
- (b) Rs. 110
- (c) Rs. 310
- (d) Rs. 210

Q-4. A student first decreased a number by 20% and then increased the decreased number by 20% . The number so obtained is 20 less the original so what was the original number?

- (a) 100
- (b) 500
- (c) 400
- (d) 200

Q-5. Rs. 720 are to be distributed among A, B and C such that half of A's share is equal to  $\frac{1}{3}$  of B's share which is equal to  $\frac{1}{4}$  of C's share. How much is the share of C?

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- (a) Rs. 160
- (b) Rs. 240
- (c) Rs. 600
- (d) Rs. 320

Q-6. In an examination 1800 candidates were boys and 2200 were girls passed the examination, what is the ratio of failed boys to failed girls?

- (a) 125 : 111
- (b) 42 : 48
- (c) 39 : 47
- (d) 261 : 286

Q-7. A dishonest dealer pretends to sell at the cost price but earns a profit of 25% by underweighting. What weight must he be using for 1 kg?

- (a) 750 gm
- (b) 800 gm
- (c) 500 gm
- (d) 875 gm

Q-8. A person works twice as fast as a woman. A woman works twice as fast as a child. If 16 persons can complete a job in 12 days, how many days would be required for 32 women, and 64 boys together to complete the same job?

- (a) 2 days
- (b) 3 days
- (c) 4 days
- (d) 6 days

Q-9. The migration rate of people from city A to city B is 20% p.a If the population of city A and B is 12,00,000 and 6,00,000 respectively in the beginning of any years, during which of the following y ears would the population of both cities be equal?

- (a) 2<sup>nd</sup> year
- (b) 1<sup>st</sup> year
- (c) 3<sup>rd</sup> year
- (d) Cannot be determined

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Q-10. Rajeev and Abhishek started from A towards B at the speeds of 40 kmph at 7.00 a.m and 10.00 a.m respectively. At are travelling at uniform speed?

- (a) 12.00 noon
- (b) 2.00 pm
- (c) 11.00 am
- (d) 1.00 pm