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Competitive Exams Reasoning Sample Paper 5

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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 ₹ 400 on a capital of ₹ 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) ₹ 200
- (b) ₹ 110
- (c) ₹ 310
- (d) ₹ 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. ₹ 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?

(a) ₹ 160

(b) ₹ 240

(c) ₹ 600

(d) ₹ 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) 2nd year

(b) 1st year

(c) 3rd year

(d) Cannot be determined

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

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