

REASONING QUIZ

1. The digit at unit's place of the number $(1570)^2 + (1571)^2 + (1572)^2 + (1573)^2$ is:

- (A) 2
- (B) 3
- (C) 4
- (D) 1

ANSWER: C

2. The sum of the squares of 3 consecutive positive numbers is 365. The sum of the numbers is

- (A) 36
- (B) 45
- (C) 30
- (D) 33

ANSWER: D

3. The product of two numbers is 9375 and the quotient, when the larger one is divided by the smaller, is 15. The sum of the number is:

- (A) 395
- (B) 380
- (C) 400
- (D) 425

ANSWER: C

4. A number when divided by 3 leaves a remainder 1. When the quotient is divided by 2, it leaves a remainder 1. What will be the remainder when the number is divided by 6?

- (A) 5
- (B) 2
- (C) 3
- (D) 4

ANSWER: D

5. In what time will the annual simple interest rate at $6\frac{1}{4}\%$, 72 rupees becomes 81 rupees?

- (A) 2 year
- (B) 2 year 6 month
- (C) 3 year
- (D) None of these

ANSWER: A

6. A fruit vendor sells two boxes of mango at the rate of Rs.750 each. He earns 25 % profit on one box and suffers a loss of 25 % on another box. In this business what is his loss or profit percent?

- (A) 5 % profit
- (B) Neither profit nor loss
- (C) 6.25 % profit
- (D) 6.25 % loss

ANSWER: D

7. A 6 meter wide pathway has been constructed along the periphery and inside of a square field of length 50 meter. The total expenditure to cover this pathway with red sand at the rate of Rs. 30 per square meter, is?

- (A) Rs. 75000
- (B) Rs. 58080
- (C) Rs. 31680
- (D) Rs.1080

ANSWER: C

8. Harish started his journey at 18:40 and finished at 22:20. The time taken in completing the journey is—

- (A) 3 hours 40 minutes
- (B) 3 hours 80 minutes
- (C) 4 hours 40 minutes
- (D) 3 hours 20 minutes

ANSWER: A

9. The average of 50 numbers is 38. If two numbers namely 45 and 55 are discarded, the average of the remaining numbers is?

- (A) 35
- (B) 32.5
- (C) 37.5
- (D) 36

ANSWER: C

10. How much simple interest will Rs.4000 earn in 18 months at 12% per annum?

- (A) ₹ 216
- (B) ₹ 360
- (C) ₹ 720
- (D) ₹ 960

ANSWER: C