

Expressions using Letter Numbers (Ch – 4)

MCQ

Question 1.

11 more than three times the number x can be represented as

- (a) $11 + x + 3$
- (b) $11x - 3$
- (c) $3x + 11$
- (d) $11x + 3$

Question 2.

Write the coefficient of 'x' in the given expression: $x^3 - 2x^2 - 4x + 1$

- (a) 2
- (b) 0
- (c) 1
- (d) - 4

Question 3.

Write the degree of the given expression: $x^4 + 3x^2 - x + 4$

- (a) 5
- (b) 3
- (c) 4
- (d) 2

Question 4.

9p equals

- (a) $9 + p$
- (b) $9 - p$
- (c) $9 \times p$
- (d) $9 \div p$

Question 5.

'p is subtracted from the sum of s and 9' is written as

- (a) $(s + 9) - p$
- (b) $p - (s + 9)$
- (c) $p - (s - 9)$
- (d) $p + (s + 9)$

Question 6.

Geeta earns ₹ x per month and saves ₹ y per month. Her monthly expenditure (in ₹) is

- (a) $x + y$
- (b) $x \div y$
- (c) $x \times y$
- (d) $x - y$

Question 7.

The value of $32 - (64 + 16) + 3 \times 6$ is

- (a) 31
- (b) -32
- (c) -30
- (d) 30

Question 8.

If the price per pencil is ₹ c and price per eraser is ₹ d. Then, the algebraic expression representing the price of 2 pencils and 6 erasers is (in ₹)

- (a) $6 + 2 + c + d$
- (b) $cd + 6 + 2$
- (c) $6c + 2d$
- (d) $2c + 6d$

Question 9.

The value of $p + p + q + q - p - q$ is equal to

- (a) $2p + 2q$
- (b) $p + q$
- (c) $2p$
- (d) $2q$

Question 10.

Assertion (A) If Vikas is x years old now, then after 5 years, he will be (x+5) years.

Reason (R) To find future age, we subtract years from the present age.

Which of the following is true?

- (a) Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
- (b) Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
- (c) Assertion is true but Reason is false.
- (d) Assertion is false but Reason is true.