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Subject: - Mathematics

Linear Equations in one Variable

M.C.Q

Question 1. Write the following statement in the form of an equation:

The sum of three times x and 10 is 13.

- (a) $3x + 10 = 13$ (b) $3x - 10 = 13$ (c) $3x + 13 = 10$ (d) none of these

Question 2. Write the following statement in the form of an equation:

If you subtract 3 from 6 times a number, you get 9

- (a) $3x - 6 = 9$ (b) $6x - 3 = 9$ (c) $6x + 3 = 9$ (d) $3x + 6 = 9$

Question 3. Write the following statement in the form of an equation:

One fourth of n is 3 more than 2

- (a) $n/4 - 2 = 3$ (b) $n/4 + 2 = 3$ (c) $n/2 - 4 = 3$ (d) $n/2 + 4 = 3$

Question 4. Write the following statement in the form of an equation:

One third of a number plus 2 is 3

- (a) $m/3 - 2 = 3$ (b) $m/3 + 2 = 3$ (c) $m^2 - 3 = 3$ (d) $m/2 + 3 = 3$

Question 5. Write the following statement in the form of an equation:

Taking away 5 from x gives 10

- (a) $x - 5 = 10$ (b) $x + 5 = 10$ (c) $x - 10 = 5$ (d) none of these

Question 6. Write the following statement in the form of an equation:

Four times a number p is 8.

- (a) $4P = 8$ (b) $P + 4 = 8$ (c) $p - 4 = 8$ (d) $p \div 4 = 8$

Question 7. Write the following statement in the form of an equation:

Add 1 to three times n to get 7

- (a) $3n + 1 = 7$ (b) $3n - 1 = 7$ (c) $3n + 7 = 1$ (d) none of these

Question 8. Write the following statement in the form of an equation:

The number b divided by 6 gives 5.

- (a) $b/6 = 5$ (b) $b - 5 = 6$ (c) $5/b = 6$ (d) $b + 5 = 6$

Question 9. The solution of the equation $x + 3 = 0$ is

- (a) 3 (b) -3 (c) 0 (d) 1

Question 10. The solution of the equation $x - 6 = 1$ is

- (a) 1 (b) 6 (c) -7 (d) 7

Question 11. The solution of the equation $5x = 10$ is

- (a) 1 (b) 2 (c) 5 (d) 10

Question 12. The solution of the equation $m^2 = 3$ is

- (a) 2 (b) 3 (c) 12 (d) 6

Question 13. The solution of the equation $7n + 5 = 12$ is

- (a) 0 (b) - 1 (c) 1 (d) 5

Question 14. The solution of the equation $4p - 3 = 9$ is

- (a) 1 (b) 2 (c) 3 (d) 4

Question 15. The solution of the equation $5p + 2 = 7$ is

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

Question 16. The solution of the equation $3p - 2 = 4$ is

- (a) 0 (b) 1 (c) 2 (d) 3

Question 17. The solution of the equation $p + 4 = 4$ is

- (a) 0 (b) 4 (c) -4 (d) 8

Question 18. The solution of the equation $m - 1 = 2$ is

- (a) 1 (b) 2 (c) 3 (d) 5

Question 19. The solution of the equation $2m = 4$ is

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

Question 20. The solution of the equation $m^3 = 3$ is

- (a) 3 (b) 6 (c) 9 (d) 12