Algebraic Expressions: Worksheet -1

1. What is the coefficient of $-(2x)^2$ [ ]

a) 2 b) – 2 c) – 1 d) None

2. Degree of the expression of $x^3y^2 + y^2x + z^2 + 1$ is [ ]

a) 5 b) 6 c) 3 d) 0

3. Degree of $(z^3-14)(z^4-1)$ [ ]

a) 6 b)4 c) 12 d) 7

4. The degree of a non-zero number: [ ]

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

5. Zero of the polynomial of ax+b is : [ ]

a) a b) b c) $\frac{-b}{a}$ d) $\frac{b}{a}$

6. The polynomial of second degree is called [ ]

a) Linear polynomial b) Quadratic polynomial

c) Cubic polynomial d) Bi-quadratic polynomial

7. The degree of the polynomial $a+bx+cx^3+dx^5$ is [ ]

a) 0 b) 1 c) 3 d) 5

8. The numerical co efficient of 'x' is [ ]

a) x b) –x c) 1 d) 0

9. The degree of $6x^5$ is _ _ _ _ _ _ _

10. The degree of $5x^2y^3z^4$ is _ _ _ _ _ _ _

11. The degree of the polynomial 6xyz is _ _ _ _ _ _ _

12. The degree of $ax^2+ bx + c$ is : _ _ _ _ _

13. The degree of $3x^2y^4z^6$ is : _ _ _ _ _ _

14. The degree of 5 is : _ _ _ _ _ _ _ _

15. The zero of $3x + 5$ is : _ _ _ _ _ _ _

16. The zero of $ax - b$ is :_ _ _ _ _ _ _

17. In $3x^2$, 3 is called the : _ _ _ _ _ _ _

18. The degree of the polynomial $5x - 2x^2 + 9 - x^3$ is : _ _ _ _ _ _ _

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