



1. The degree of the polynomial $(3d+8)$ is

- (i) 0 (ii) (-1) (iii) 3 (iv) 1 (v) 2

2. The degree of the polynomial $(-2c^2-3c-2)$ is

- (i) (-1) (ii) 3 (iii) 1 (iv) 4 (v) 2

3. The degree of the polynomial $(2s^3-2s-8)$ is

- (i) 4 (ii) 0 (iii) 6 (iv) 3 (v) 2

4. The degree of the polynomial $(-g^5-4g^3+4g^2-8g+4)$ is

- (i) 6 (ii) 5 (iii) 2 (iv) 7 (v) 4

5. The constant term in polynomial $(-6j-3)$ is

- (i) -2 (ii) -4 (iii) -5 (iv) -3 (v) -1

6. The constant term in polynomial $(7k^2-5k-4)$ is

- (i) -5 (ii) -1 (iii) -3 (iv) -4 (v) -6

7. The constant term in polynomial $(7v^3+5v^2+5v-8)$ is

- (i) -6 (ii) -9 (iii) -7 (iv) -8 (v) -11

8. The constant term in polynomial $(2v^4+6v^3+8v^2-7v-6)$ is

- (i) -7 (ii) -8 (iii) -3 (iv) -6 (v) -5

9. Which of the following algebraic expressions is a monomial?

- (i) $8v^4$ (ii) $(2v^4+8v^3+2v^2)$ (iii) $(3v^4-v^3-5v^2-5v-4)$ (iv) $(9v^4-9v)$ (v) $(8v^4-2v^3-4v^2-9v-3)$

10. Which of the following algebraic expressions is a binomial?

- (i) $(-g^3-8g^2+6)$ (ii) $(-9g^4-3g^3+9g^2+4g+1)$ (iii) $(-g^4-7g^3-4g^2+g-6)$ (iv) g^3 (v) $(3g-1)$

11. Which of the following algebraic expressions is a trinomial?

- (i) $(-7t^3)$ (ii) $(2t^4-5t^3+5t^2-9t-7)$ (iii) $(-8t+5)$ (iv) $(4t^4-7t^3+6t^2+7t-5)$ (v) $(-3t^4-9t^3+2t)$

12. Which of the following algebraic expressions is a constant polynomial?

- (i) $(-6r^3)$ (ii) $(-4r^4-8r^3-5r)$ (iii) $(2r^4+r^2)$ (iv) $(3r^4+8r^3+r^2-6r+7)$ (v) 5

13. Which of the following algebraic expressions is a zero polynomial?

- (i) $(5r^4 + 7r^3 + 9r^2 + 5r + 8)$ (ii) $(6r^3 + 2r^2)$ (iii) $(5r^4 + 5r^3 - 2r^2)$ (iv) $(-5r^4)$ (v) 0

14. The degree of polynomial $(6no + n - 4o + 9)$ is

- (i) 2 (ii) 3 (iii) 4 (iv) 0 (v) 1

15. The degree of polynomial $(-6o^2p + 6o + 4p^2 - 8p)$ is

- (i) 2 (ii) 5 (iii) 4 (iv) 3 (v) 1

16. The degree of polynomial $(7r^2s^2t^2 + 7r^2st - 4r^2s - 7rs^2t + 8rs)$ is

- (i) 8 (ii) 6 (iii) 7 (iv) 5 (v) 4

17. The degree of polynomial $(-6l^2m^2 - 7l^2mn - 6lm^2n^3 - 4m^2n^2 - 7n^3 + 4n^2 - 4n)$ is

- (i) 5 (ii) 6 (iii) 7 (iv) 3 (v) 8

18. The coefficient of term t in polynomial $(-2tu - 24t - 2u - 7)$ is

- (i) -27 (ii) -23 (iii) -21 (iv) -25 (v) -24

19. The coefficient of term t^2u^2 in polynomial $(-7t^2u^2 + 6t^2u - 5t^2 + 4u)$ is

- (i) -8 (ii) -5 (iii) -7 (iv) -9 (v) -6

20. The coefficient of term m in polynomial $(-2l^2m^2n^2 + 3l^2mn^2 + 8ln^2 + 5m^2n^2 - 7m)$ is

- (i) -8 (ii) -7 (iii) -10 (iv) -6 (v) -5

21. The coefficient of term ijk in polynomial $(-5i^2j^3 + 2i^2j^2k^3 + 6ijk - ik - 6j^3 - 8j^2k^2 + 4k)$ is

- (i) 9 (ii) 6 (iii) 4 (iv) 7 (v) 5

22. Which of the following algebraic expressions is a monomial?

- (i) $6l^3m^2n$ (ii) $(-9lm^2n + n^3 - 5n)$ (iii) $(-5l^3m^2n + 5l^2 - 9mn^3 - 3m)$
(iv) $(5l^3m^2n - 2l^2m^2n^2 - 7ln + 9n^3)$ (v) $(7l^2mn^3 + 7l^2m)$

23. Which of the following algebraic expressions is a binomial?

- (i) $(9v^3wx^3 - 9vx)$ (ii) $(-9v^3x^2 + v^3x - 7w^3x^2 + 4x)$ (iii) $(-6v^2w^2x)$ (iv) $(-9v^3w^3 + 3v^2wx - w^2)$
(v) $(2v^2w^2x^2 - 7vx^3 - 6w^3 - 4w^2x)$

24. Which of the following algebraic expressions is a trinomial?

- (i) $2q^2r^2s^3$ (ii) $(2q^2rs^2 - 5q^2r - 2qr^3s^3 - 5r^2)$ (iii) $(q^3r^3s + 4qr^2s^3 + qr^2s^2 + 9qrs^3)$
(iv) $(7q^3s + 3q^2s - 2rs^2)$ (v) $(qr^3 - 5s^2)$

25. Which of the following algebraic expressions is a constant polynomial?

(i) $(-cd^2e^3 + cd^2e^2)$ (ii) $(-6c^3d^2e^2 + 5c^3d^2e + 5c^2e)$ (iii) 6 (iv) $(8c^2d^3e + c^2d^2e^2 - 2cd^3 - 7ce)$

(v) $2c^3d^2e$

Assignment Key

1) (iv)	2) (v)	3) (iv)	4) (ii)	5) (iv)	6) (iv)
7) (iv)	8) (iv)	9) (i)	10) (v)	11) (v)	12) (v)
13) (v)	14) (i)	15) (iv)	16) (ii)	17) (ii)	18) (v)
19) (iii)	20) (ii)	21) (ii)	22) (i)	23) (i)	24) (iv)
25) (iii)					