



1. The value of the polynomial $(-9i^2 + 3ij^2 - 6)$ at $i = (-1), j = 3, k = (-5)$ is

- (i) -45 (ii) -43 (iii) -42 (iv) -39 (v) -41

2. The value of $\frac{1}{2}cd + \frac{1}{2}cd$ is

- (i) $(-2cd)$ (ii) 0 (iii) cd (iv) $3cd$ (v) $2cd$

3. The value of $\frac{1}{4}e^5 - \frac{1}{4}e^5 - \frac{2}{3}e^5$ is

- (i) $(-\frac{4}{3}e^5)$ (ii) $(-2e^5)$ (iii) $(-\frac{2}{3}e^5)$ (iv) 0 (v) $(-\frac{2}{5}e^5)$

4. The value of the polynomial $(8m^2 + 7m - 8)$ at $m = 3$ is

- (i) 86 (ii) 84 (iii) 87 (iv) 85 (v) 82

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

- (i) $6rst$ (ii) $(-4r^2s^3t - 6r^2st - 2s^3 - st^2)$ (iii) $(9r^3s^3 - 4s^2t^3)$ (iv) 6 (v) $(2r^3s^2t^3 + 9rs^3t + 9st^2)$

6. Which of the following is a like term of $7t$?

- (i) t^2 (ii) $3tu$ (iii) $4u$ (iv) $(-9t)$ (v) $(-2tu^2)$

7. The sum of the terms $(-1), 5q, (-7q), (-9p), 5p$ is

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

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

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

9. The coefficient of term $g^3h^2i^2$ in polynomial $(-g^3h^2i^2 + 7g^2h^2i^2 - 7g^2h^2 - 2gh^2i^2 + 5ghi^2 + 5gi - 4h^3i^3)$ is

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

10. Which of the following is a factor of $23x^3yz^4$?

- (i) $23xyz^2$ (ii) x^4yz^2 (iii) $23x^3yz^5$ (iv) $23xyz^5$ (v) $23xy^2z^2$

11. The value of $7n + (-8n)$ is

- (i) $(-4n)$ (ii) 0 (iii) n (iv) $(-2n)$ (v) $(-n)$

12. The value of $2klm + 5klm$ is

- (i) $4klm$ (ii) $6klm$ (iii) $7klm$ (iv) $8klm$ (v) $9klm$

13. Which of the following terms can be added to (-3) ?

- (i) $6f^3$ (ii) (-2) (iii) $(-6f^2)$ (iv) $4f^4$ (v) $2f$

14. The value of $(-i^4 - 6i^3 + 5i) + (6i^5 + 5i^2 + 7) + (i^5 + 7i^4 - 3i) + (i^5 + 7i^3 + 7i^2)$ is

- (i) $(9i^5 + 6i^4 + i^3 + 12i^2 + 2i + 7)$ (ii) $(5i^5 + 6i^4 + i^3 + 12i^2 + 2i + 7)$ (iii) $(10i^5 + 6i^4 + i^3 + 12i^2 + 2i + 7)$
(iv) $(7i^5 + 6i^4 + i^3 + 12i^2 + 2i + 7)$ (v) $(8i^5 + 6i^4 + i^3 + 12i^2 + 2i + 7)$

15. The value of $(tuv + 8tv - 5) + (-4u + 9v - 7)$ is

- (i) $(2tuv + 8tv - 4u + 9v - 12)$ (ii) $(tuv + 8tv - 4u + 9v - 12)$ (iii) $(8tv - 4u + 9v - 12)$
(iv) $(tuv + 6tv - 4u + 9v - 12)$ (v) $(tuv + 10tv - 4u + 9v - 12)$

16. The value of $5jk - 5jk$ is

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

17. Which of the following terms can be added to $(-8n^3)$?

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

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

- (i) $(e^2 + 2)$ (ii) $(-6e^4 - 3e^3 - 8e^2 + 5e - 1)$ (iii) $(3e^4 - 8e^3 - 9e^2)$ (iv) $(8e^4 + 9e^3 - e^2 - e - 5)$ (v) $7e^3$

19. The value of $\frac{1}{3}pq - \frac{3}{4}pq - \frac{4}{5}pq - \frac{1}{2}pq$ is

- (i) $(-\frac{7}{4}pq)$ (ii) $(-\frac{101}{58}pq)$ (iii) $(-\frac{103}{60}pq)$ (iv) $(-\frac{105}{62}pq)$ (v) $(-\frac{101}{60}pq)$

20. Which of the following terms can be subtracted from (-9) ?

- (i) $(-s^4)$ (ii) $(-s^3)$ (iii) $(-3s^2)$ (iv) (-4) (v) $8s$

21. The coefficient of term z^3 in polynomial $(9z^3 + z^2 - z + 4)$ is

- (i) 11 (ii) 7 (iii) 9 (iv) 10 (v) 8

22. Which of the following terms is a like term of $7y^4$?

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

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

- (i) $(7q^4 - 7q^3 - 5q^2 - 7q - 9)$ (ii) $(-3q - 4)$ (iii) $(6q^2 - 9q + 9)$ (iv) $(-4q)$ (v) $(-9q^4 - 3q^3 - q^2 + 7q + 1)$

24. The constant term in polynomial $(-2a + 7)$ is

- (i) 10 (ii) 7 (iii) 6 (iv) 4 (v) 8

25. The value of $(-6x^2 + 2x + 8) + (6x^2 - 2x - 3)$ is

- (i) 7 (ii) 3 (iii) 5 (iv) 6 (v) 4

Assignment Key

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