



1. The value of $qr + (-5qr)$ is

- (i) $(-6qr)$ (ii) $(-4qr)$ (iii) $(-3qr)$ (iv) $(-2qr)$ (v) $(-5qr)$

2. The value of the polynomial $(6t^2u^2v^2 - t^2u^2 - 8t^2v)$ at $t=4, u=(-1), v=(-5)$ is

- (i) 3022 (ii) 3024 (iii) 3025 (iv) 3026 (v) 3023

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

- (i) $(7n^2o^2p^3 + 7nop^2 - 9np^2 + 7o^2p^3)$ (ii) $(-5n^2op^2)$ (iii) $(-5n^2o^3 + 4n^2o^2p^3)$
(iv) $(-4n^3o + 9n^2o^3p^3 - 6n^2o)$ (v) $(4n^3p^2 - 6no^2p + 9nop - o)$

4. The coefficient of term g in polynomial $(g^2 - g - 2)$ is

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

5. Which of the following is a like term of $(-7j^2k^2)$?

- (i) $(-4i^2jk^2)$ (ii) $(-3i^2j^2k^2)$ (iii) $(-7ij^2k^2)$ (iv) $(-2i^2j^2k)$ (v) $(-2ijk^2)$

6. The value of the polynomial 0 at $g=(-3), h=(-5), i=0$ is

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

7. The value of $\frac{1}{2}t^3 - \frac{2}{3}t^3$ is

- (i) $(-\frac{1}{2}t^3)$ (ii) $(-\frac{1}{4}t^3)$ (iii) $\frac{1}{6}t^3$ (iv) $(-\frac{1}{6}t^3)$ (v) $(-\frac{1}{8}t^3)$

8. Which of the following is a factor of $27x^4y^3z^5$?

- (i) $9xy^4z^2$ (ii) $9xz^2$ (iii) $9xz^6$ (iv) $9x^4z^6$ (v) x^5z^2

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

- (i) $(-\frac{5}{4}t^5)$ (ii) $(-\frac{3}{2}t^5)$ (iii) $(-\frac{1}{4}t^5)$ (iv) $(-\frac{1}{2}t^5)$ (v) $(-\frac{3}{4}t^5)$

10. The value of $4h^2i^2j^2 - (-8h^2i^2j^2) - 8h^2i^2j^2 - (-7h^2i^2j^2)$ is

- (i) $12h^2i^2j^2$ (ii) $11h^2i^2j^2$ (iii) $10h^2i^2j^2$ (iv) $13h^2i^2j^2$ (v) $9h^2i^2j^2$

11. The value of the polynomial $(-9fg + 7gh - 5g)$ at $f=5, g=(-4), h=3$ is

- (i) 114 (ii) 119 (iii) 117 (iv) 115 (v) 116

12. The value of $w^2x^2y^2 - (-6w^2x^2y^2)$ is

- (i) $6w^2x^2y^2$ (ii) $8w^2x^2y^2$ (iii) $4w^2x^2y^2$ (iv) $7w^2x^2y^2$ (v) $9w^2x^2y^2$

13. Which of the following is not a factor of $40x^5y^3z^3$?

- (i) $8x^5y^3z^2$ (ii) $8x^3y^2z^2$ (iii) $8x^5y^2z^3$ (iv) $8x^4y^3z^3$ (v) $8x^6y^4z^4$

14. The value of $\frac{1}{2}mn - \frac{1}{2}mn$ is

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

15. The value of $(9p+1) - (8p+4)$ is

- (i) (-3) (ii) $(3p-3)$ (iii) $(-2p-3)$ (iv) $(p-3)$ (v) $(2p-3)$

16. The constant term in polynomial $(-2a^3 - 5a^2 - 7a - 5)$ is

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

17. The value of $\frac{1}{5}h + \frac{2}{3}h$ is

- (i) $\frac{11}{15}h$ (ii) $\frac{13}{15}h$ (iii) h (iv) $\frac{13}{17}h$

18. Which of the following is a like term of $6e^2$?

- (i) $3f^2$ (ii) $(-6e)$ (iii) 6 (iv) $8e^2$ (v) $7ef$

19. The value of $\frac{1}{2}bc + \frac{1}{3}bc$ is

- (i) $\frac{5}{8}bc$ (ii) $\frac{1}{2}bc$ (iii) $\frac{7}{6}bc$ (iv) $\frac{5}{6}bc$ (v) $\frac{5}{4}bc$

20. The value of $(-4a^2bc^2 - 4ac^2 - 1) - (-ab^2c^2 - 5b^2 - 8bc) - (-6a^2c - 9ab - 4b^2c)$ is

(i) $(-3a^2bc^2 + 6a^2c + ab^2c^2 + 9ab - 4ac^2 + 4b^2c + 5b^2 + 8bc - 1)$

(ii) $(-4a^2bc^2 + 6a^2c + ab^2c^2 + 9ab - 4ac^2 + 4b^2c + 5b^2 + 8bc - 1)$

(iii) $(-4a^2bc^2 + 9a^2c + ab^2c^2 + 9ab - 4ac^2 + 4b^2c + 5b^2 + 8bc - 1)$

(iv) $(-4a^2bc^2 + 3a^2c + ab^2c^2 + 9ab - 4ac^2 + 4b^2c + 5b^2 + 8bc - 1)$

(v) $(-5a^2bc^2 + 6a^2c + ab^2c^2 + 9ab - 4ac^2 + 4b^2c + 5b^2 + 8bc - 1)$

21. The value of $(-9r^2g^2) + 2r^2g^2 + 4r^2g^2 + 2r^2g^2$ is

- (i) $(-3r^2g^2)$ (ii) $2r^2g^2$ (iii) $(-2r^2g^2)$ (iv) 0 (v) $(-r^2g^2)$

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

- (i) $(-8a^4 + a^3 - 2a^2 - 8a - 6)$ (ii) $8a^3$ (iii) $(-7a^4 + 6a^3 + a^2 + 3a + 2)$ (iv) $(-2a^4 + 6a)$ (v) $(5a^2 - a + 8)$
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23. The value of $(-j^4) + (-j^4) + 9j^4 + 7j^4$ is

- (i) $12j^4$ (ii) $14j^4$ (iii) $16j^4$ (iv) $15j^4$ (v) $13j^4$
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24. The value of $(7y^2 - 6y - 4) + (-5y^2 - 5y - 8)$ is

- (i) $(-11y - 12)$ (ii) $(y^2 - 11y - 12)$ (iii) $(4y^2 - 11y - 12)$ (iv) $(3y^2 - 11y - 12)$ (v) $(2y^2 - 11y - 12)$
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25. The value of the polynomial $(-3p^2qr + 2pq^2r + 6pq^2)$ at $p = (-3), q = 0, r = (-5)$ is

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

Assignment Key

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

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