



1. The constant term in polynomial $(-4q+9)$ is
(i) 11 (ii) 10 (iii) 7 (iv) 9 (v) 8
2. The coefficient of term y in polynomial $(-2y^2+y+8)$ is
(i) 1 (ii) 0 (iii) -1 (iv) 2 (v) 3
3. The coefficient of term q^2 in polynomial $(-5q^3+2q^2+8q+7)$ is
(i) 4 (ii) -1 (iii) 2 (iv) 1 (v) 3
4. The constant term in polynomial $(2j^4+9j^3+5j^2+7j-5)$ is
(i) -2 (ii) -7 (iii) -6 (iv) -4 (v) -5
5. Which of the following algebraic expressions is a monomial?
(i) $(-s^4-s^3+s^2-5s+1)$ (ii) $(8s^2+s)$ (iii) s^3 (iv) $(5s^4+4s^2-8)$ (v) $(7s^4-4s^3-9s^2-3s+2)$
6. Which of the following algebraic expressions is a binomial?
(i) $(-7c^3+8c)$ (ii) $(-6c^4+5c^3+4c^2-c+7)$ (iii) $(-4c^4-5c^3+7c^2+6c+3)$ (iv) $(-c^2)$
(v) $(-2c^4+7c^3+c^2)$
7. Which of the following algebraic expressions is a trinomial?
(i) $(-6w^2-2w-4)$ (ii) $3w^2$ (iii) $(-2w^3-2)$ (iv) $(4w^4+9w^3+5w^2-2w+3)$
(v) $(-4w^4-4w^3-4w^2-4w+8)$
8. Which of the following algebraic expressions is a constant polynomial?
(i) 3 (ii) $(-2j^3-6j)$ (iii) $(-2j^4+7j^2-2)$ (iv) $(-j^4-9j^3-7j^2+6j+9)$ (v) $(-4j^4)$
9. Which of the following algebraic expressions is a zero polynomial?
(i) 0 (ii) $(3p^4+6)$ (iii) $(-9p^4-9p^3-5p^2-2p+8)$ (iv) $(-9p^4+5p^2-2)$ (v) $5p^4$
10. The coefficient of term m in polynomial $(-8/m+8/-m+9)$ is
(i) -4 (ii) 0 (iii) -1 (iv) -2 (v) 1
11. The coefficient of term b in polynomial $(7a^2b^2+9ab^2+2a+4b)$ is
(i) 5 (ii) 4 (iii) 1 (iv) 3 (v) 7

12. The coefficient of term $t^2 v$ in polynomial $(t^2 uv - 3t^2 v - 7tu^2 + 9t + 6u^2 v)$ is

- (i) -4 (ii) -1 (iii) -6 (iv) -2 (v) -3

13. The coefficient of term y^2 in polynomial $(2w^2 x^3 y^3 + 7w^2 x^2 y^2 - 7w^2 y^3 - 3w^2 y + 9wx^3 y^3 - 4wy + 5y^2)$ is

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

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

- (i) $(-6vwx^3 + 2vwx - 4v + 5w)$ (ii) $(-4v^2 w^3 x + 7vw^3 - 3w^3 x)$ (iii) $(-8vw^2 x^3)$
(iv) $(-9v^3 w^2 x^3 - 7v^3 wx^3 + v^2 w^2 x^3 - 5w^3 x)$ (v) $(-8v^2 w^2 + vw^2 x)$

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

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

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

- (i) $(3d^3 e^3 f + 2d^2 e^2 f^3)$ (ii) $(-9d^2 f^2 - de^2 + 4def^3 + 8e^2)$ (iii) $9def^2$
(iv) $(6d^3 e^3 f^2 + 6de^2 f^3 - 3e^3 f + 7e^2 f^3)$ (v) $(8d^3 ef + 6d^3 e - 2ef)$

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

- (i) $5ef^2 g^3$ (ii) $(-5ef - 6f^2 g^3 + 3f^2 - fg^3)$ (iii) $(-5e^2 f^3 + e^2 f^2 g^3 - 5ef^2)$ (iv) $(7e^3 fg^3 + 4ef^3 g^2)$ (v) 6

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

- (i) 0 (ii) $(7tuv + v - 5)$ (iii) $(-9tu^3 v)$ (iv) $(5t^2 u^2 v^3 + 8t^2 u^2 v)$ (v) $(-8t^3 u^3 v - t^3 uv^3 + 3t^2 + 2tuv^2)$

Assignment Key

1) (iv)	2) (i)	3) (iii)	4) (v)	5) (iii)	6) (i)
7) (i)	8) (i)	9) (i)	10) (iii)	11) (ii)	12) (v)
13) (v)	14) (iii)	15) (i)	16) (v)	17) (v)	18) (i)

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