

Answer key**Polynomials - MCQ**

1) Which of the following is the coefficient of q^2 in the polynomial $2p^3 - 5q^2 + 3pq^2 + 4$?

a) 3

b) 2

c) -5

2) Which of the following is a binomial of degree 3?

a) $4n^4 + n^3$ b) $2x^2 + 3x - 2$ c) $7xy^3 - 5x^3$

3) Identify the polynomial.

a) $2p - 9pq$ b) $9u^4v + 2u^3 + v^2$

4) Identify the second degree polynomial.

a) $6cd$ b) $2a^2b$

5) Identify the sixth degree polynomial.

a) $2y^2 + 5xy^2 + x^2$ b) $t - 5$ c) $2x^6 - 5xy^2z - 6y^2$

6) Which of the following is the degree of the polynomial $3c - zu + c^4d^2 + 1$?

a) 4

b) 6

c) 3

7) Identify the leading coefficient of the polynomial $8r^4s - 2r - s^3$.

a) -1

b) -2

c) 8

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