MAHESH PUBLIC SCHOOL,JODHPUR

**CLASS- VIII**

**SUBJECT- MATHEMATICS**

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# ALGEBERAIC EXPRESSIONS AND IDENDITIES

Q1. identify the terms and their numerical coefficients for each of the following expressions

1. 5 x2yz

1. 1 – xy + x3
2. 9x3y2 - 4x2y2z2 + z3

Q2 identify the like and unlike terms in the following expressions

 a) a2b – ab + 2ba2 +5b2a + a2 - 9ab2

 b) 3m3n4 + 5mn – 2m2n2 – 17mn – 9n4m3

Q3 find the numerical and literal coefficient of each terms given in the following algebraic expressions.

1. 5/7 x2 +9x + 2
2. ¾ ab2c + 5b + 4
3. X2y/8 + y2x/7

Q4 classify the following polynomials as monomials, binomials, trinomials

1. -a + 6
2. 9x
3. P + q + 4.5

Q5 write the degree of following polynomials

1. x + y
2. 200
3. 3/2 a2b2c2 + 2c + y