INDIAN SCHOOL MUSCAT
DEPARTMENT OF MATHEMATICS
CLASS TEST – OMR FORMAT

CLASS: IX **TOPIC: POLYNOMIALS**

1.	The monomial of degree 50 is			
	A) $x^{50} + 1$	B) $2x^{50}$	C) x+50	D) 50
2.	The coefficient of x^2 in the polynomial $2x^3 + 4x^2 + 3x + 1$ is			
	A)2	B)3	C)1	D)4
3.	Which of the following expressions is a polynomial?			
	A) $x^3 - 1$	B) $\sqrt{x} + 2$	C) $x^2 - \frac{1}{x^2}$	D) $\sqrt{t} + 5t - 1$
4.	Which of the following expression is a monomial?			
	A) 3 + x	B) $4 - x^3$	C) $x^6 + 2x^2 + 2$	D) –3 x
5.	A linear polynomial			
	A) May have one zero	B)Has 1 & only 1 Zero	C) May have two zeros	D)Has more than 1 Zero
6.	If $P(x) = x^3 - 1$, then the value of P(1) is			
	A)1	B)2	C) –2	D)0
7.	When polynomial $x^3 + 3x^2 + 3x + 4$ is divided by x + 1, the remainder is			
	A)3	B)2	C)1	D) –2
8.	$(a-b)^3 + (b-c)^3 + (c-a)^3$ is equal to			
	A) 3abc	B) 3(a–b) (b–c) (c –a)	C) $3a^3b^3c^3$	D) $[a - (b+c)]^3$
9.	The degree of constant polynomial is			
	A)1	B)2	C)3	D)0
10.	A polynomial of degree 3 is called			
	A)Trinomial	B)Linear Polynomial	C)Cubic Polynomial	D)Binomial

11.	Which polynomial has every real number as its zero?			
	A)Linear Polynomial	B)Zero Polynomial	C)Constant Polynomial	D)Quadratic Polynomial
12.	Degree of $(2x^4 - 10)(x^5 + 2)$ is			
	A)5	B)4	C)9	D)20
13.	The value of $p(x) = 5x - 4x^2 + 3$ for $x = 0$ is:			
	A) –3	B)3	C)2	D) –2
14.	$(x + 8)(x - 10)$ in the expanded form is:			
	A) $x^2 - 8x - 80$	B) $x^2 - 2x - 80$	C) $x^2 + 2x + 80$	D) $x^2 - 2x + 80$
15.	The factors of $m^2 - 7m + 6$ are			
	A)(m – 6)(m – 1)	B)(m +6)(m + 1)	C)(m – 6)(m +1)	D)(m +6)(m –1)
16.	The remainder when $p(x) = 2x^2 - x - 6$ is divided by $(x - 2)$ is			
	A)p(2)	B)p(3)	C)p(– 2)	D)p(– 3)
17.	If $x = 2$ is a zero of the polynomial $2x^2 + 3x - p$, then the value of p is			
	A) –4	B)14	C)0	D)8
18.	On dividing $x^3 + 3x^2 + 3x + 1$ by x we get remainder:			
	A)1	B)0	C) –1	D)2
19.	Which are the zeroes of $p(x) = (x - 1)(x - 2)$:			
	A)1, –2	B) –1, 2	C)1, 2	D) –1, –2
20.	A cubic polynomial can have at most …….. zeroes.			
	A)0	B)1	C)2	D)3