Mathematics 9th Class English Medium Unit 5 Online Test

Sr	Questions	Answers Choice
1	Factors of a^4-4b^4 are:	A. $(a-b),(a+b),(a2+4b^2)$ B. $(a^2-2b^2),(a^2+2b^2)$ C. $(a-b),(a+b),(a^2-4b^2)$ D. $(a-2b),(a^2+2b^2)$
2	Factors of $3x^2-x-2$ are:	A. $(x+1),(3x-2)$ B. $(x+1),(3x+2)$ C. $(x-1),(3x-2)$ D. $(x-1),(3x+2)$
3	Factors of 8x3+27y3 are:	A. $(2x+3y),(4x2+9y2)$ B. $(2x-3y),(4x2-9y2)$ C. $(2x+3y),(4x2-6 xy+9y2)$ D. $(2x-3y),(4x2+6 xy+9y2)$
4	Factors of x^2-5x+6 are:	A. $(x+1),(x-6)$ B. $(x-2),(x-3)$ C. $(x+6),(x-1)$ D. $(x+2),(x+3)$
5	Factors of $25x^2+16a^2+40x$	A. $5x+4$ B. $(5x+4)^2$ C. $(5x+4)(5x-4)$ D. $(5x-4)^2$
6	The factors of x^2-5x+6 are:	A. x+1, x-6 B. x-2, x-3 C. x+6, x-1 D. x+2, x+3
7	Factors of 3x-3a + xy - ay are:	A. (y+3)(x-a) B. (y+3)(x+a) C. (3+y)(x-a) D. (3-y)(a-x)
8	When a polynomial has been written as a product consisting only of _____factors, then it is said to be factored completely ?	A. Prime B. Natural C. Rational D. Irrational
9	In ab + ac = a(b+c) then a and b + c are_____ of ab + ac:	A. Functions B. Member C. Elements D. Factors
10	If a polynomial P(x) can be expressed as P(x) = g(x) . h(x), then each of the polynomials g(x) and h(x) is called _____of P(x):	A. Element B. Factor C. Member D. Function