Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	HCF of a^3+b^3 and a^2-ab+b^2 is:	A. a+b B. a^2-ab+b^2 C. $(a-b)^2$ D. a^2+b^2
2	HCF of x-2 and x+x-6 is:	A. x^2+x-6 B. x+3 C. x-2 D. x+2
3	HCF of $5x^2y^2$ and $20x^3y^3$ is:	A. $5x^2y^2$ B. $20x^3y^3$ C. $10x^5y^5$ D. 5xy
4	HCF of p^3q-pq^3 and $p^5q^2-p^2q^5$ is:	A. $pq(p^2-q^2)$ B. pq(p-q) C. $p^2q^2(p-q)$ D. $pq(p^3-q^3)$
5	To find HCF, we use following method:	A. By factorization B. By division C. Both a and b D. None
6	If two are more algebraic expression are given then their common factors of highest power is called of the expressions:	A. LCM B. HCF C. Multiplication D. Square root
7	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
8	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)
9	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
10	In ab + ac = a(b+c) then a and b + c are_____ of ab + ac:	A. Functions B. Member C. Elements D. Factors
11	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
12	Question Image	
13	The product of the conjugate surds is _____ number:	A. Irrational B. Rational C. Surd D. None of these
14	If the product of two surds is a rational number, then each surd is called _____ of the other:	A. Additive inverse B. Multiplicative inverse C. Rationalizing factor D. Factor
15	Question Image	A. Binomial B. Trinomial C. Monomial D. Rotional