



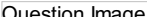


ECAT Mathematics Online Test

Sr	Questions	Answers Choice
1	Question Image	A. x^{39} B. $40x^{39}$ C. $40x^{41}$ D. none of these
2	Question Image	
3	Question Image	A. $4x + 1$ B. $4x$ C. $2x^3$ D. none of these
4	A fraction in which the degree of the numerator is greater than or equal to the degree of the denominator is called	A. A proper fraction B. An improper fraction C. An equation D. An identity
5	A relation in which the equality is true for all values of the unknown is called _____	A. An identity B. An equation C. A polynomial D. None of these
6	Question Image	A. 3 B. 2 C. 8 D. 0
7	A relation in which the equality is true only for some values of the known is called _____	A. An identity B. An equation C. A polynomial D. None of these
8	Question Image	
9	Question Image	A. $3x^2 + 2$ B. $3x^2 + 2x + 3$ C. $x^3 + x^2$ D. none of these
10	Question Image	A. $-2x^3$ B. $2x^{-3}$ C. $-2x^{-3}$ D. $2x^3$
11	Question Image	D. none of these
12	Question Image	
13	Question Image	
14	Question Image	A. 2C B. C^3 C. 1 D. 0
15	Question Image	
16	Question Image	A. $2x$ B. $3x^2$ C. 1 D. 0
17	Question Image	
18	Question Image	
19	Question Image	
20	Question Image	
21	Question Image	D. none of these
22	Question Image	

22		
23		D. none of these
24	$(x + 3)(x + 4) = x^2 + 7x + 12$ is _____	A. Quadratic equation B. Linear equation C. Cubic equation D. Identity
25		A. An expression B. Rational fraction C. Equation D. Identity
26	A fraction in which the degree of the numerator is less than the degree of the denominator is called	A. Polynomial B. Equation C. Proper fraction D. Improper fraction
27		
28		
29	$\sin^{-1}x =$ _____	
30	