ECAT Mathematics Chapter 7 Partial Fractions Online Test

Sr	Questions	Answers Choice
1	Question Image	A. Rational fraction B. Proper fraction C. Improper rational fraction D. None of these
2	Question Image	
3	x^3+2x^2-3x+5 is _____	A. An equation B. A polynomial C. Proper rational fractions D. Improper rational fractions
4	Question Image	
5	To express a single rational fraction as a sum of two or more single rational fractions which are called	A. improper fractions B. Partial fractions C. mixed form D. Polynomials
6	The symbol _____ shall be used both for equation and identity	A.
7	Question Image	
8	Question Image	
9	Which is a proper rational fraction	
10	Question Image	
11	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
12	There are _____ types of rational fraction	A. Three B. Four C. Five D. Two
13	Question Image	
14	A relation in which the equality is true only for some values of the unknown is called	A. An identity B. An equation C. A polynomial D. None
15	Question Image	
16	Question Image	A. Improper rational fraction B. Proper rational fraction C. Polynomial D. Equation
17	Question Image	
18	An equation which holds good for all values of variables is called	A. Equation B. Conditional equation C. Constant D. None
19	Question Image	
20	An improper rational fraction can be reduced by division to a	A. Proper fraction B. Polynomial C. mixed form
21	$(x+3)(x+4)=x^2+7x+12$ is _____	A. Quadratic equation B. Linear equation C. Cubic equation D. Identity
22	Question Image	

23	Question Image	A. A = x, B = 1 B. A = 0, B = 2 C. A = -1, B = 1 D. A = x-1, B = x + 1
24	Question Image	
25	Question Image	A. A = x, B = 1 B. A = 0, B = 2 C. A = -1, B = 1 D. A = x-1, B = x+1
26	2x = 3 is a conditional equation it is true for	A. 2 B. 3 C. 3/2 D. 2/3
27	Question Image	
28	Question Image	
29	Question Image	
30	$(x + 2)^2 = x^2 + 4x + 4$ is	A. A linear equation B. A cubic equation C. A quadratic equation D. None
31	Question Image	
32	$x^2 + x - 5 = 0$ is	A. A polynomial B. An inequality C. An identity D. None
33	An equation which hold good for all values of the variables is called	A. Identity B. fraction C. mixed form D. Partial equation
34	Question Image	A. Improper rational fraction B. Rational fraction C. Proper rational fraction D. None of above
35	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
36	How many types of an equation	A. 1 B. 3 C. 2 D. None
37	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
38	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
39	Question Image	
40	Question Image	
41	$x^2 + x - 6 = 0$ is a conditional equation and it is true for	A. 2, 3 B. 2, -3 C. -2, -3 D. -2, 3
42	$(x + 2)^2 = x^2 + 4x + 4$ is	A. A linear equation B. A cubic equation C. A quadratic equation D. None
43	Question Image	
44	Question Image	A. Proper fraction B. Improper fraction C. Rational fraction D. None of these

45	Question Image	
46	Question Image	
47	A fraction in which the degree of the numerator is less the degree of the denominator is called	A. Polynomial B. Proper fraction C. Rational fraction D. None
48	Which is the proper rational function	
49	Question Image	A. Polynomial B. Equation C. Improper rational fraction D. Proper rational fraction
50	An open sentences formed by using the sign of equality '=' is called _____	A. An identity B. An equation C. A polynomial D. None of these
51	Question Image	
52	An open sentence formed by using the sign of equality "=" is called	A. Equation B. In equation C. True sentence D. False sentence
53	When rational fraction is separated into partial fractions, the result is	A. an identity B. A fraction C. A partial sum D. Improper fraction
54	Question Image	A. An expression B. Rational fraction C. Equation D. Identity
55	$x^2 + x - 6 = 0$ is	A. An equation B. An identity C. A polynomial D. None of these
56	Question Image	