

## ECAT Mathematics Chapter 7 Partial Fractions

Sr	Questions	Answers Choice
1	$x^3 + 2x^2 - 3x + 5$ is _____	A. An equation <b>B. A polynomial</b> C. Proper rational fractions D. Improper rational fractions
2	Question Image	A. $A = x, B = 1$ B. $A = 0, B = 2$ <b>C. <math>A = -1, B = 1</math></b> D. $A = x-1, B = x + 1$
3	A relation in which the equality is true only for some values of the unknown is called	A. An identity <b>B. An equation</b> C. A polynomial D. None
4	Question Image	
5	$x^2 + x - 6 = 0$ is	<b>A. An equation</b> B. An identity C. A polynomial D. None of these
6	Question Image	A. Improper rational fraction <b>B. Rational fraction</b> C. Proper rational fraction D. None of above
7	Question Image	
8	When rational fraction is separated into partial fractions, the result is	<b>A. an identity</b> B. A fraction C. A partial sum D. Improper fraction
9	$x^2 + x - 5 = 0$ is	<b>A. A polynomial</b> B. An inequality C. An identity D. None
10	An improper rational fraction can be reduced by division to a	A. Proper fraction B. Polynomial <b>C. mixed form</b>
11	There are _____ types of rational fraction	A. Three B. Four C. Five <b>D. Two</b>
12	Question Image	
13	Question Image	
14	To express a single rational fraction as a sum of two or more single rational fractions which are called	A. improper fractions <b>B. Partial fractions</b> C. mixed form D. Polynomials
15	$2x = 3$ is a conditional equation it is true for	A. 2 B. 3 <b>C. <math>3/2</math></b> D. $2/3$
16	Question Image	
17	Question Image	A. Polynomial B. Equation <b>C. Improper rational fraction</b> D. Proper rational fraction
18	How many types of an equation	A. 1 B. 3 <b>C. 2</b> D. None

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Question Image

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An equation which holds good for all values of variables is called

- A. Equation
- B. Conditional equation
- C. Constant
- D. None