

ECAT Pre General Science Mathematics Chapter 7 Partial Fractions Online Test

| Sr | Questions | Answers Choice |
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| 1 | An equation which hold good for all values of the variables is called | A. Identity B. fraction C. mixed form D. Partial equation |
| 2 | 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 |
| 3 | An improper rational fraction can be reduced by division to a | A. Proper fraction B. Polynomial C. mixed form |
| 4 | When rational fraction is separated into partial fractions, the result is | A. an identity B. A fraction C. A partial sum D. Improper fraction |
| 5 | Question Image | |
| 6 | 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 |
| 7 | 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 |
| 8 | Question Image | |
| 9 | $x^2 + x - 5 = 0$ is | A. A polynomial B. An inequality C. An identity D. None |
| 10 | $(x + 2)^2 = x^2 + 4x + 4$ is | A. A linear equation B. A cubic equation C. A quadratic equation D. None |
| 11 | Question Image | |
| 12 | Question Image | A. $A = x, B = 1$ B. $A = 0, B = 2$ C. $A = -1, B = 1$ D. $A = x-1, B = x + 1$ |
| 13 | Which is a proper rational fraction | |
| 14 | Question Image | |
| 15 | There are _____ types of rational fraction | A. Three B. Four C. Five D. Two |
| 16 | Question Image | A. Rational fraction B. Proper fraction C. Improper rational fraction D. None of these |
| 17 | Question Image | A. Proper fraction B. Improper fraction C. Rational fraction D. None of these |
| 18 | Question Image | A. Improper rational fraction B. Rational fraction C. Proper rational fraction D. None of above |

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| 19 | The symbol _____ shall be used both for equation and identity | A. |
| 20 | $x^2 + x - 6 = 0$ is a conditional equation and it is true for | A. 2, 3 B. 2, -3 C. -2, -3 D. -2, 3 |
| 21 | $(x + 2)^2 = x^2 + 4x + 4$ is | A. A linear equation B. A cubic equation C. A quadratic equation D. None |
| 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 | Which is the proper rational function | |
| 25 | $2x = 3$ is a conditional equation it is true for | A. 2 B. 3 C. $3/2$ D. $2/3$ |
| 26 | An open sentence formed by using the sign of equality "=" is called | A. Equation B. In equation C. True sentence D. False sentence |
| 27 | An equation which holds good for all values of variables is called | A. Equation B. Conditional equation C. Constant D. None |
| 28 | How many types of an equation | A. 1 B. 3 C. 2 D. None |
| 29 | Question Image | |
| 30 | Question Image | |