
Govt. Ghazali Degree College, Jhang

(Important Short Questions)

Course: Algebra and Trigonometry

Chapter # 05

Partial Fractions

Following short questions are selected from previous 5 years papers of different boards. Solve these at your own to perform well in annual exams.

1. What is a proper rational fraction?
2. What is an improper rational fraction?
3. Define identity and write an example.
4. Define equation and write an example.
5. Resolve $\frac{2}{x^2-1}$ into partial fractions.
6. List the name of two types of a rational fraction.
7. Resolve $\frac{x^2}{x^2-1}$ into partial fractions.
8. Resolve $\frac{3x+7}{(x^2+4)(x+3)}$ into partial fractions.
9. Resolve $\frac{7x+25}{(x+3)(x+4)}$ into partial fractions.
10. Resolve $\frac{1}{(x-3)^2(x+1)}$ into partial fractions.
11. Resolve $\frac{x^2+1}{(x+1)(x-1)}$ into partial fractions.

Best of Luck