

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

1. What is a proper rational fraction?
2. What is improper rational fraction?
3. Define identity and give example.
4. Define equation and give 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