Q. No.	DAY - 13
70	**Example 3.2** If α and β are the roots of the quadratic equation $2x^2-7x+13=0$, construct a quadratic equation whose roots are α^2 and β^2.
71	**Example 3.3** If α, β, and γ are the roots of the equation $x^3+px^2+qx+r=0$ find the value of $\sum\frac{1}{\beta\gamma}$ in terms of the coefficients.
72	**Example 3.4** Find the sum of the squares of the roots of $ax^4+bx^3+cx^2+dx+e = 0,\ a\neq 0$
73	**Example 3.5** Find the condition that the roots of cubic equation $x^3+ax^2+bx+c=0$ are in the ratio $p:q:r$.
74	**Example 3.6** Form the equation whose roots are the squares of the roots of the cubic equation $x^3+ax^2+bx+c = 0$.

75	**Example 3.7** If p is real, discuss the nature of the roots of the equation $4x^2 + 4px + p + 2 = 0$, in terms of p.