Question Paper

Roll No.-

December 08, 2020

Questions

1. What is the expansion of $(a+b)^2$?

2. What is the expansion of $(a-b)^2$?

3. Factorise: $a^2 - b^2$

4. Solve for x: $x^2 + 5x + 6 = 0$

5. Let $h[n] = (0.4)^n u[n]$. Find the value of

$$\sum_{n=0}^{\infty} |h[n]|^2$$

6. Find the roots of $f(x) = 2x^2 + 3x + 4$.