

The Sample Paper Title is a previous year paper for Mathematics. It is designed for grade 10 under the CBSE board. The paper is expected to take 180 minutes to complete and carries a total of 100 marks. The topics covered in the paper include algebra and geometry, with chapters on Quadratic Equations and Triangles.

One section in the paper consists of questions with 5 marks per question, and the type of questions is categorized as "default". Below are two example questions from the section:

Solve the quadratic equation:  $x^2 + 5x + 6 = 0$

Answer: The solutions are  $x = -2$  and  $x = -3$ .

Hint: Use the quadratic formula or factorization method.

Reference ID: QE001.

In a right-angled triangle, if one angle is  $30^\circ$ , what is the other acute angle?

Answer: The other acute angle is  $60^\circ$ .

Hint: Remember that the sum of angles in a triangle is  $180^\circ$ .

Reference ID: GT001.