

**OXFORD INTERNATIONAL SCHOOL IQBAL CAMPUS**

**1ST CHECK POINT 2024**

**Name: Grade:VIII**

**Subject: Mathematics.**

**/25**

**Q1 (a): Multiple Choice Questions.**

**/5**

1. 25x = 25

a. 5 b. 1 c. -5 d. 25

1. X axis is a line.

a. Horizontal b. Vertical c. both d. constant

1. Y axis is a line.

a. Horizontal b. Vertical c. both d. constant

1. X2-5x-6=0 is a \_\_\_\_\_\_\_ equation.

a. Quadratic equation b. 0 c. both a and b d. constant

1. Quadratic equation is an equation with a \_\_\_\_\_\_\_ variable.

b. squared b. higher power c. both a and b d. 0

**Q1 (b): Multiple Choice Questions. /5**

* 1. If a = 0, it’s not a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ equation.
  2. X is the \_\_\_\_\_\_\_\_ in Quadratic equation.
  3. All Quadratic equations produce \_\_\_\_\_\_ shaped graphs.
  4. (5) 3 \_\_\_\_\_\_\_
  5. The Quadratic equation graph formula is

**Q2: Solve each of the following equation by factorization method. /3**

* + 1. 2x2 +5x -7 = 0

**Q3: Solve each of the following equation.**

1. (x+1)2 = 9 **/3**

**Q3: Solve each of the following by using quadratic equation.**

1. X2 + 4x + 1 = 0
2. 3x2 + 6x -1 = 0 **/6**

**Q4: Solve each of the following equation by using quadratic equation.**

1. X(x+1) = 1 **/3**