

City International School

FIRST TERMINAL EXAMINATION – 2013 - 2014

Date : 14/08/2012

Marks : 100

Std : IX

Subject : Technical Drawing Applications

Time : 3 hrs

General Instructions:

- Attempt all five questions.
- All dimensions are in mm.
- Answer to this paper must be written on the paper provided separately.
- This paper consists of 5 questions on 2 pages.
- The intended marks for questions of parts of questions are given in brackets. ()

- Q. 1** a. Divide a line PQ = 98mm in 6 equal parts. (8)
- b. Draw a hexagon of side 30mm. (4)
- c. Draw a pentagon inside a circle of radius 40mm. (8)

- Q. 2** Draw an equilateral triangle of side 80mm and inscribe 3 equal circles touching two sides of the triangle and other two circles. (20)

- Q. 3** Draw a pentagon of side 80mm and inscribe 5 equal circles touching one side of the pentagon and other two circles. (20)

- Q. 4** Copy Figure 1 showing all construction lines clearly. (20)

- Q. 5** Copy Figure 2 showing all construction lines clearly. (20)