Subject Code | 1 | 8 | 0

Model Question of HSC Exam 2016
(English Version)

Subject : Engineering drawing and workshop practice 1st Paper

Time : 3 Hours   Full Marks — 60

[N. B: Answer any six questions of the following]

1. a) Draw the triangle whose base and proportion of the angles is 3:4:5 has given.

   b) The base, an angle adjacent to the base and sum of other two sides of a triangle has given. Draw the triangle.

2. The radius of two circles is $1\frac{1}{4}''$ and $\frac{3}{4}''$ respectively. Their

   center is $3\frac{1}{2}''$ apart. Draw an exterior tangent to two circles.

3. Draw an equilateral triangle equal in area to a given square.

4. Draw an ellipse with the help of rectangular method whose, length of major axis is 10 cm. and minor axis is 5 cm.

5. a) Draw a regular Pentagon.

   b) Draw a regular Octagon.

6. A cube of 20 mm. side is resting centrally on the top surface of a cube of 40 mm. side. Draw isometric view of its combination.

7. Draw a diagonal scale of yard, feet and inch taking the

   representative fraction $\frac{1}{36}$. Show 3 yards, 2 feet and 7 inches

   on it.

8. Write the following word in block letter:
   "CANTONMENT"