**BF12**

**Second Semester B. Tech Engineering,**

**Examination Aug/Sep-2015**

**Engineering Drawing and Graphics**

**(Chemical/ Civil/ Elect/CS/**

**E & T/ Mech/ Aeronautics/IT/Automobile)**

**Time:-3Hours Max. Marks: - 80**

**SECTION-A**

**Answer any five questions. (6\*5)**

1. Clarify the Fundamentals of Engineering Drawing.
2. Draw Full and half Protectors.
3. What is Dimensioning?
4. Write short notes on Parabola & Hyperbola.
5. How many types of Lines are used in Engineering Drawing?
6. Define the following terms:
7. Plain Scales
8. Diagonal Scales.
9. What are the different methods of Construction of an ellipse?

**SECTION-B**

**Answer any two questions. (10\*2)**

1. A regular Pentagon of 25mm side has one edge of it perpendicular to the V.P. and the plane is parallel to the H.P. Draw its Projections.
2. Draw & Explain Isometric Projection and Isometric scale.
3. With a neat sketch describe Third Angle Method of Projection.

**SECTION-C**

**Answer any two questions. (15\*2)**

1. Write a detail note on Projections of solids.
2. Explain Projections of Plane with diagrams.
3. The F.V. of line Ab,70mm long is inclined as 450 to XY measure 50mm. The end point A is 10 mm above the H.P. and 20 mm in front of the V.P. Draw the Projections of line AB and find its inclination with the H.P. and V.P.