

2022

ENGINEERING DRAWING AND COMPUTER GRAPHICS

Full Marks : 100

Time : Three hours

The figures in the margin indicate full marks for the questions.

Answer ANY FIVE questions.

1.
 - a. What is layout of drawing sheet? 5 x 4=20
 - b. Name different types of drawing instruments.
 - c. What are the standard sizes of drawing sheets according to I.S.I. and which is suitable for drawing work?
 - d. Define engineering drawing.

2.
 - a. What is lettering? 5 x 4=20
 - b. What do you mean by single stroke letters?
 - c. What do you mean by uniformity of letters?
 - d. What are the main uses of scale?

3.
 - a. What is the difference between regular and irregular polygons? 5 x 4=20
 - b. Define a straight line.
 - c. What are skew lines?
 - d. What do you mean by sections of solids?

4.
 - a. What do you understand by V.T. of section plane? 5 x 4=20
 - b. What is true length of a line?
 - c. What are the types of orthographic projections?
 - d. Why the projections of an object is not drawn in second and fourth quadrants?

5. a. What is a solid? 5 x 4=20
 b. What is an isometric view?
 c. What are different types of solids?
 d. What do you mean by prism?
6. a. What are regular solids? 5 x 4=20
 b. What is inclination of a straight line?
 c. What is an isometric scale?
 d. What are the types of planes?

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