TERTIARY AND VOCATIONAL EDUCATION COMMISSION

COMMON WRITTEN EXAMINATION – 2021/ 2022

Diploma in Quantity Surveying

NVQ Level 05 – Semester I

Drawing Practice for Quantity	**F45C002M06**	**Three Hours**

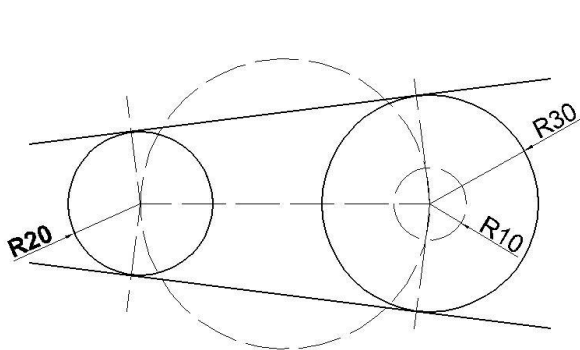| **Answer All Questions** |
|---|

Question-01

a. Draw following views of the given simple house plan *(Annexure-01)* according to the **First angle projection** with the original scale. (You can calculate all the dimensions that are not mentioned in the drawing by referring the given dimensions)

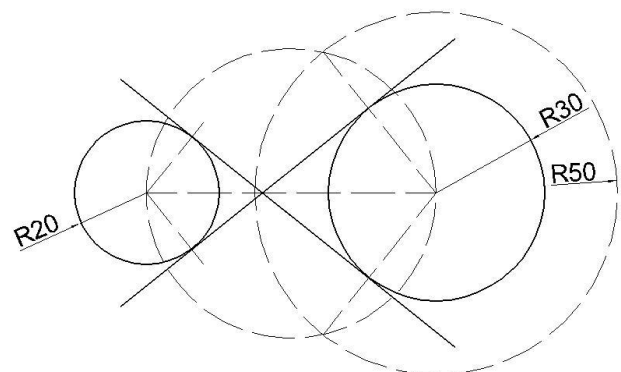|		
I.	**Plan view**	(15 marks)
II.	**Front view**	(15 marks)
III.	**Right side view**	(15 marks)

Question-02

a. Draw simple common tangents at both sides to the two circles with radii *20 mm* and *30 mm*. The distance between their centers is *80 mm*.

b. In a separate drawing, draw transverse common tangents to the above two circles as well. Show all construction lines very lightly but legibly.
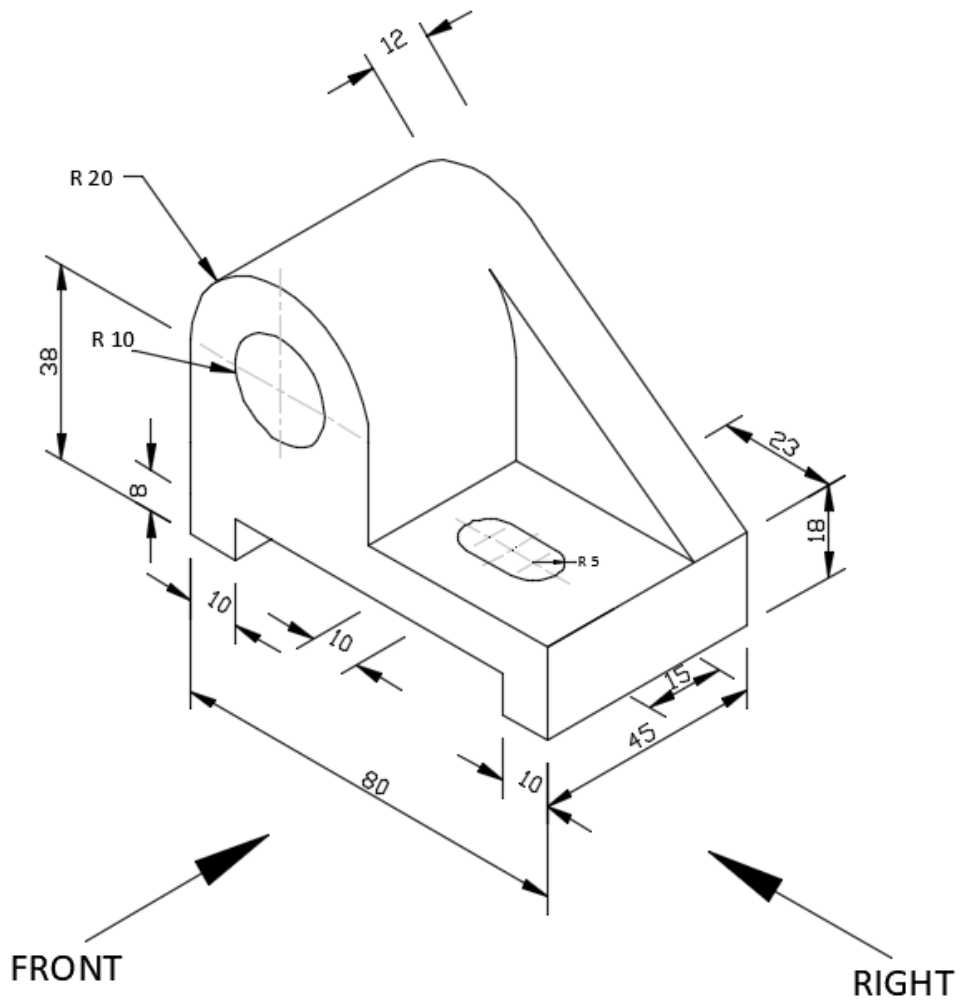
(20 marks)

Simple Common Tangents   Transverse Common Tangents

Question-03

a. Illustrate the same figure of Isometric view of the object given below in your AutoCAD worksheet with the given dimensions.

(35 marks)