

ICSE SEMESTER 1 EXAMINATION
SPECIMEN QUESTION PAPER
TECHNICAL DRAWING APPLICATIONS

Maximum Marks: 50

Time allowed: One and a half hours (inclusive of reading time)

ALL QUESTIONS ARE COMPULSORY.

The marks intended for questions are given in brackets [].

All questions must be answered in full scale.

All construction lines must be shown.

All dimensions are in millimeters unless specified otherwise.

SECTION A (20 Marks)

Question 1.

Refer to **Figure 1** given below. Copy the given figure and then construct a continuous curve passing through points A,B,C,F and G in order. [10]

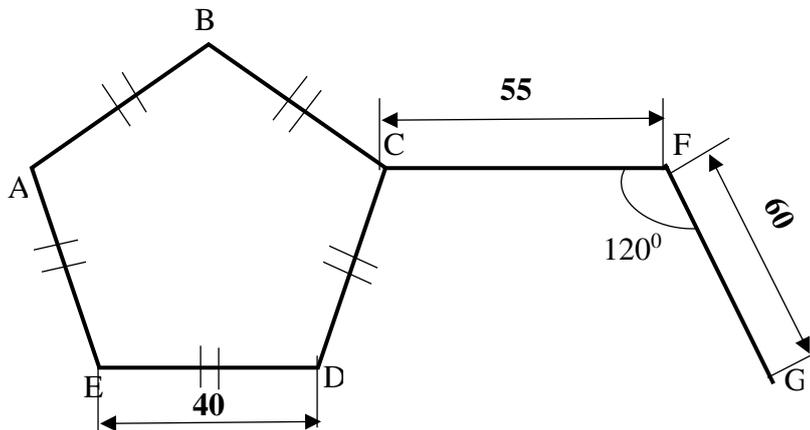


FIGURE 1

Question 2.

Construct a quadrilateral ABCD, AB=90mm, $\angle A = 60^\circ$, AD = 60mm, BC=CD= 75mm. [10]
Then construct a triangle whose area is equal to the area of the quadrilateral ABCD.

SECTION B (30 Marks)

Question 3.

Given R.F. = 1:40,00,000, draw a diagonal scale long enough to measure upto 600 km. Indicate on it following distances. [15]

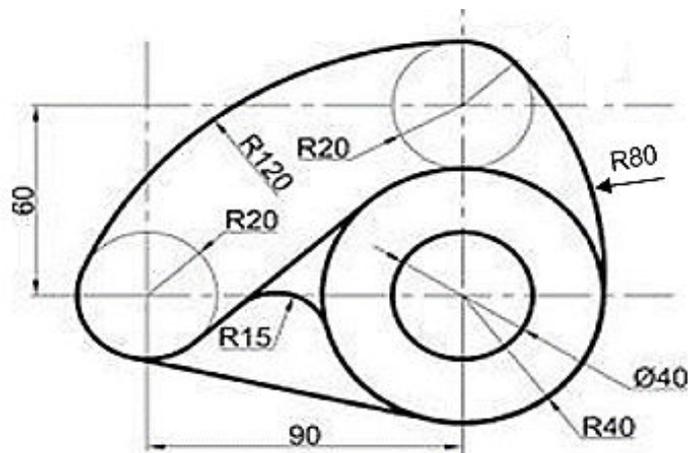
2) 336 km

3) 459 km

4) 569 km

Question 4.

Refer to **Figure 2** given below. Copy the given template.
(INSERT ANY 4 DIMENSIONS)



[15]

FIGURE 2