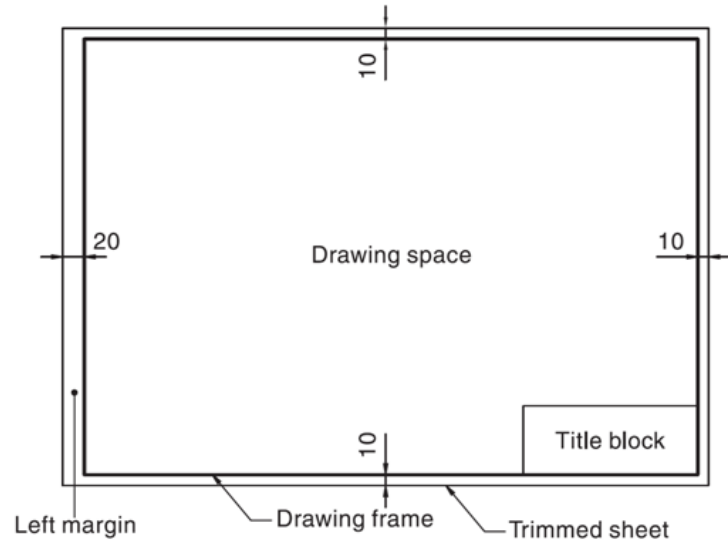


1. Draw the margins as per the following drawing and draw the title block. [10 marks]



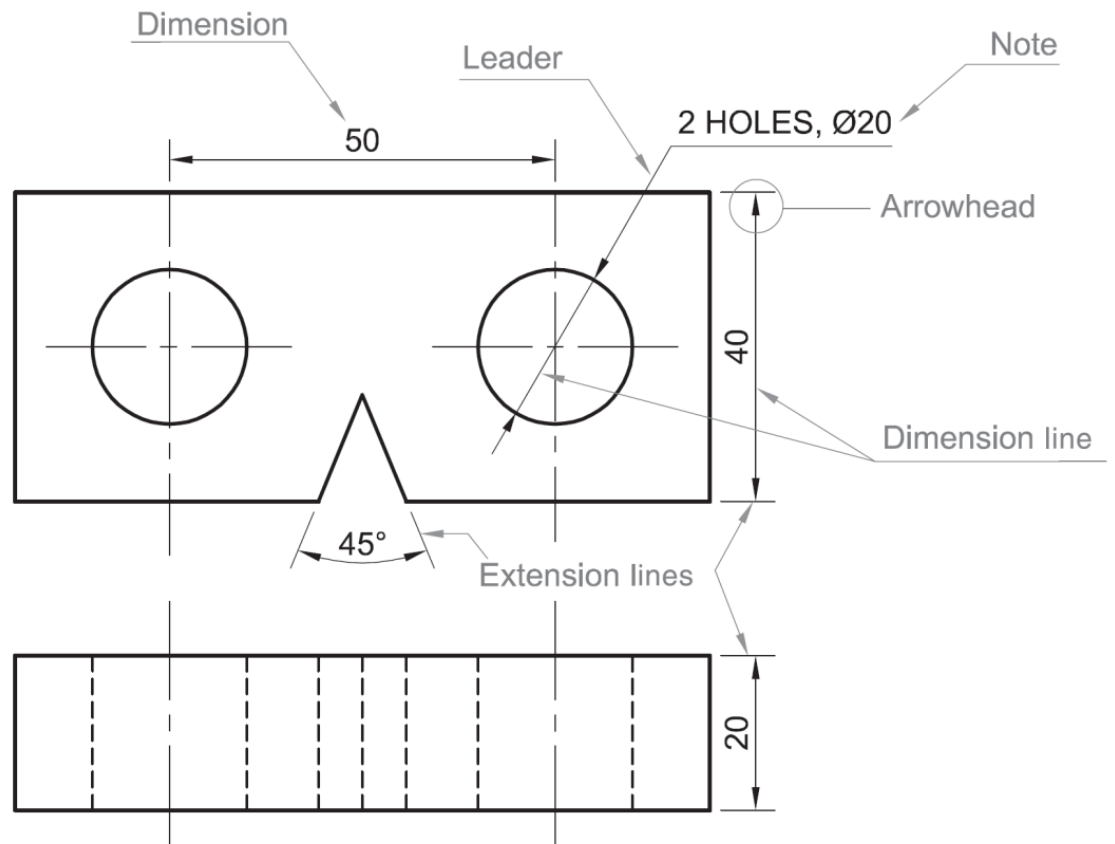
Drawing margins and location of title block

65	10	NAME		7
	10	INSTITUTE		
	10	ROLL No.	TUT. GROUP:	
	10	SHEET No:	DATE:	
	10	TUTORIAL TITLE		
		50	80	160

2. Write the following lines (*a* and *b*) in single-stroke vertical letters. Consider the height of capital letters as 8 mm. [15 marks]

- FINE LETTERING MAKES FINE DRAWING
- He Who Hesitates Is Lost

3. Learn the elements of dimensioning and draw the following figure on the drawing sheet neatly and label it properly. [10 marks]



4. A rectangular garden of area 256 m^2 is shown on a map by a similar rectangle of 4 cm^2 . Construct a plain scale to read up to a single meter and long enough to measure up to 10 decameter (dam). Show the distances of 5.7 dam & 9.2 dam. [15 marks]

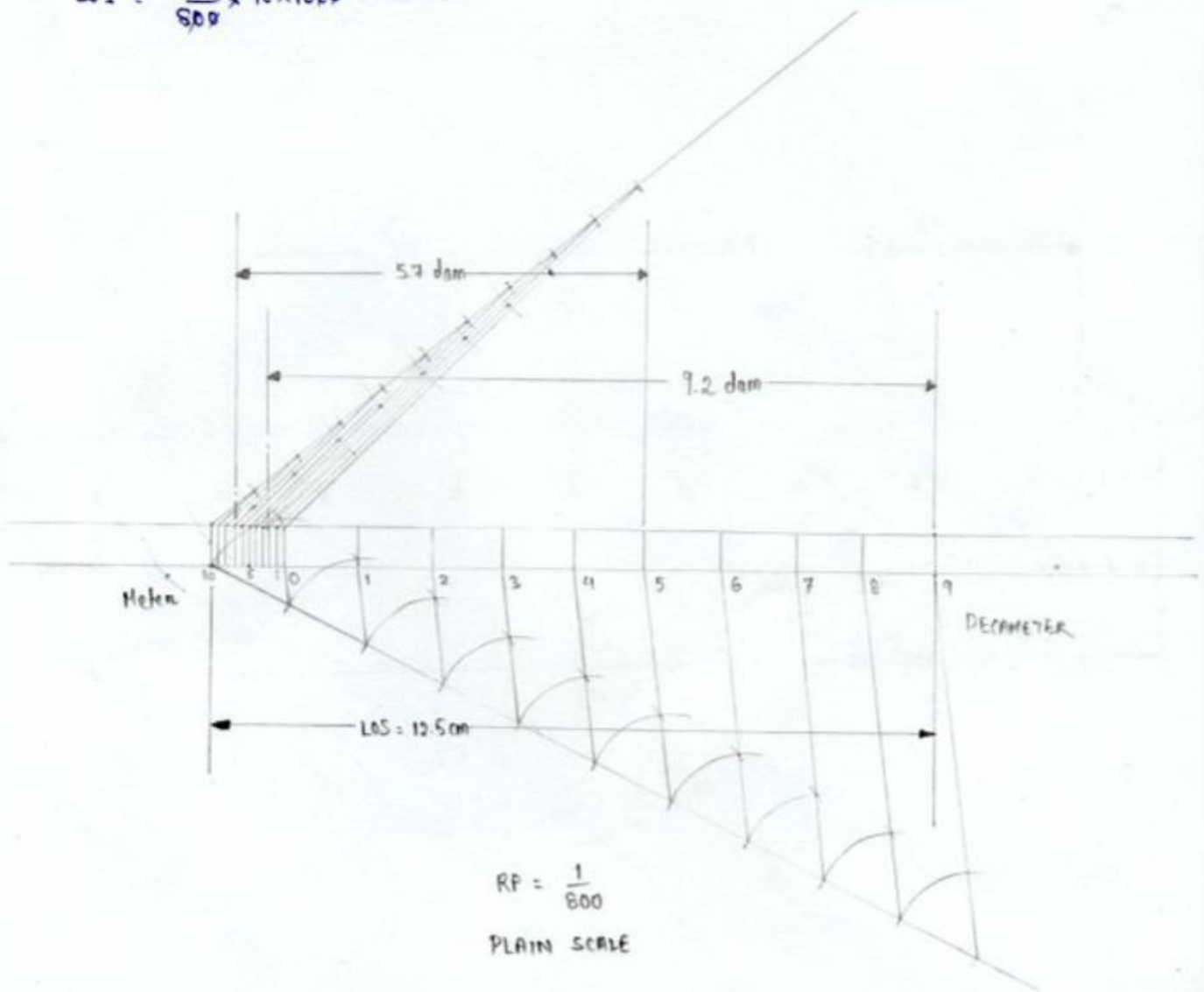
A rectangular garden of area 256 m^2 is shown on a map by a similar rectangle of 4 cm^2 . Construct a plain scale to read up to a single meter and long enough to measure up to 10 dam. Show the distances of

i) 5.7 dam, ii) 9.2 dam.

Sol:
 $4 \text{ cm}^2 = 256 \text{ m}^2$
 $1 \text{ cm}^2 = \frac{256}{4} \text{ m}^2 = 64 \text{ m}^2$
 $1 \text{ cm} = 8 \text{ m}$

$$R.F. = \frac{1 \text{ cm}}{8 \times 100 \text{ cm}} = \frac{1}{800}$$

$$L.S. = \frac{1}{800} \times 10 \times 1000 = 12.5 \text{ cm.}$$



Paper ends.