

ENGINEERING DRAWING I
SHEET NO: 1
(TECHNICAL LETTERING)

1. Draw the following patterns shown in Figure P1.1 using T-square and set-square or drafter.

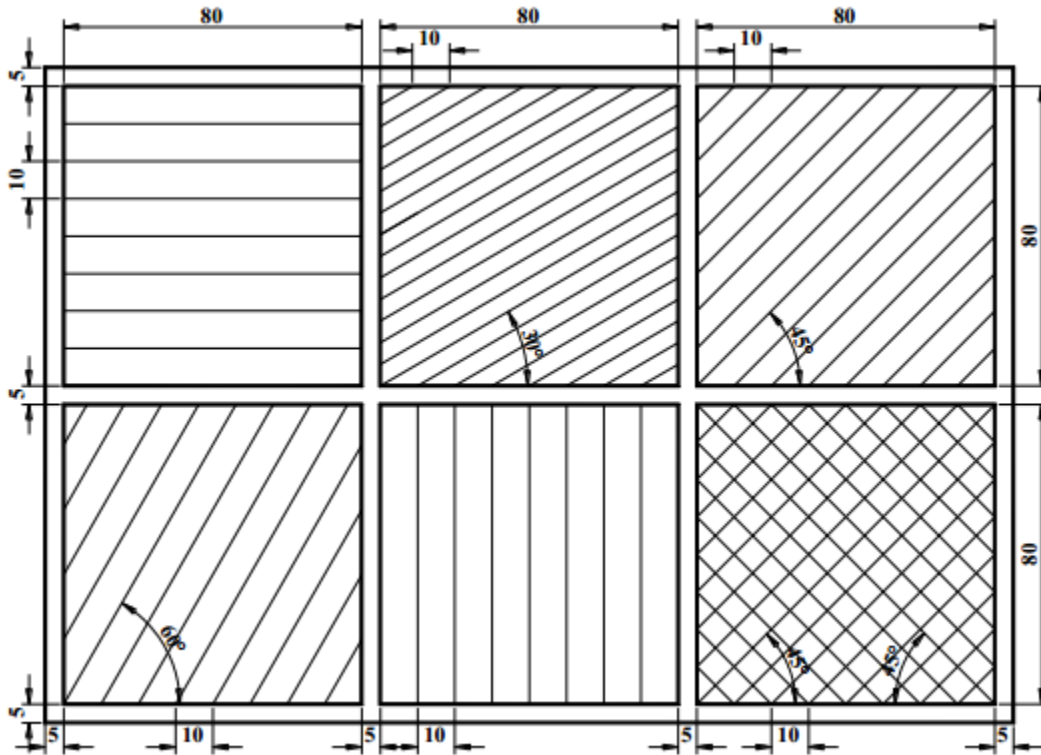


Figure P1.1

2. Write down freehand single stroke alphabets (A to Z) of different size using guidelines in
- Vertical capital
 - Inclined capital
 - Vertical small, and
 - Inclined small letters.
3. Write down freehand single stroke vertical and inclined numerals (0 to 9) and fractions different size using guidelines.
4. Write the following sentence in freehand, single stroke vertical and inclined uppercase letters in 7 mm height.
- ENGINEERING DRAWING IS THE FOUNDATION OF ALL ENGINEERING DISCIPLINES.
5. Draw the following lines with 100 mm length
- Visible outline
 - Hidden

- Center
- Projection
- Cutting plane
- Break

6. Dimension the plane figures shown in **Figure P1.6**. Size may be obtained by measuring the drawing.

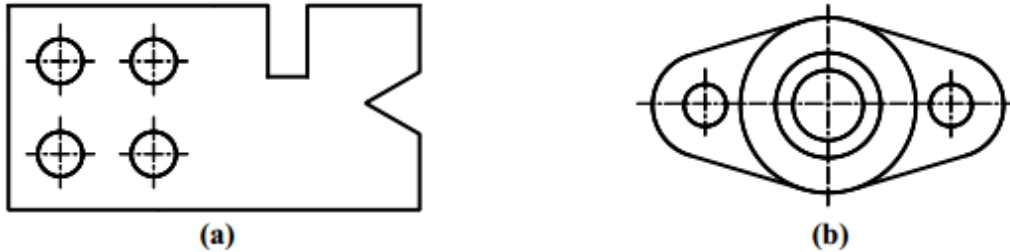


Figure 1.6

	20	60	10	25	25
5	S. N.	DESCRIPTION	QTY.	MATERIAL	REMARK
5	DRAWN BY		NAME OF THE INSTITUTE		
5	ROLL NO				
5	CHKD BY				
10	TITLE				
5	SCALE		DRG SHEET NO.		
5	DATE				
5	METRIC SYSTEM				