

Front side

MARGIN LINE

SHEET EDGE

MARGIN LINE

Q.1. A 3.2 CM LONG LINE REPRESENTS A LENGTH OF 4 METRES. eXTEND THIS LINE TO MEASURE LENGTHS UPTO 25 METRES AND SHOW ON IT UNITS OF METRES. SHOW THE LENGTH OF 17 METRES ON THIS LINE.

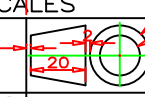
Q.2. AN AREA OF 144 SQ CM ON A MAP REPRESENTS AN AREA OF 36 SQ KM ON THE FIELD. FIND THE R. F. OF THE SCALE FOR THIS MAP AND DRAW A DIAGONAL SCALE TO SHOW KILOMETRES, HECTOMETRES AND DECAMETRES AND TO MEASURE UPTO 10 KILOMETRES. INDICATE ON THE SCALE A DISTANCE OF 7 KILOMETRES, 5 HECTAMETRES AND 6 DECAMETRES.

NOTES

- 1.ALL DIMENSIONS IN MM
- 2.ALL LETTERS IN TILTLE BLOCK ARE OF 6 MM HEIGHT

Q.3. CONSTRUCT A VERNIER SCALE OF $\frac{1}{80}$ TO SHOW FEET AND INCHES. MARK 15 FEET AND 7.2 INCHES ON IT.

Q.4. CONSTRUCT A SCALE OF CHORDS TO READ IN TENS OF DEGREES AND WITH ITS HELP, SET ANGLES OF 50 DEGREE AND 160 DEGREE.

NAME		ENGINEERING	
ROLL NO.		SCALES	
BR.&SEC		IET 2	
UNIT		DAV	
SCALE			
DATE		SHEETNO.	