

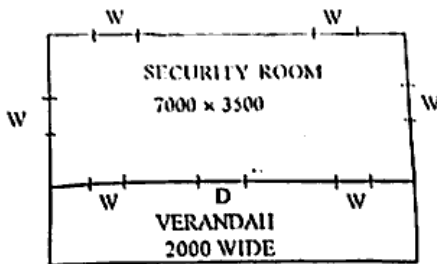
Answer any four questions including Q no. 1 & 5

Figure in the right hand margin indicates mark

1. (a) Write the following sentence in Vertical Gothic style as per Indian standard. The height of letters is 12 mm.

PICTURE PAINTS A THOUSAND WORDS.

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|---|----|
| (b) Write down the different types of drawing boards and drawing sheets used in India. | 10 |
| 2. Construct a plane scale to show metres and decimetres when 1 metre is represented by 2.5 cm and long enough to measure up to 6m. Also mark 4m 7dm and 3m 4dm on the scale. | 10 |
| 3. Construct an ellipse by concentric circle method when the major and minor axis are 140 mm and 100 mm respectively. | 20 |
| 4. A line AB 90mm long has one of its end 30 mm above HP and 25 mm in front of VP. The line is inclined at 30 degree to HP and 45 degree to VP. Draw the projections of the line. | 20 |
| 5. From the given line plan of a Security Room draw the following views adopting a suitable scale and specifications mentioned below: | |
| (a) Plan at window sill level | 25 |
| (b) Front elevation | 15 |



- Wall thickness= 300mm
- Plinth height= 600mm
- Ceiling height =3500mm
- Chajja projection=600mm
- Pillar size= 300mmx300mm
- Door size= 2000mmx 1200mm
- Window size= 1200mm x1000mm
- Step- Tread=300mm
- Rise= 150mm

Adopt any other data required suitably. Adopt a suitable scale.