

S.B. Roll No.....

**ENGINEERING DRAWING-I**  
**1<sup>st</sup> Exam/Common/7152/Jan'2022**  
**(FOR 2018 BATCH ONWARDS)**

**Duration: 1.15Hrs.**

**M.Marks:25**

**Assume if any dimension is missing.**

**SECTION-A**

**Q1. Attempt any one question.**

**1x10=10**

- i. Draw "USE MASK AND SANITIZER, STAY SAFE" in single stroke vertical block letter in the ratio of 7:4 and height 28 mm.
- ii. Draw a Plain scale to show metres and decimetres, when 1 metre is represented as 2.5cm and long enough to measure 5 metres. Show the following distances on the scale.  
a) 3 m 4 dm                      b) 2.8 metres.
- iii. Sketch the conventions for the followings:  
a) Centre line   b) Dimension line   c) Short break line   d) Earth   e) Wood                      f) Brass

**SECTION-B**

**Q2. Attempt any one question.**

**1x15=15**

- a. Draw the front view through a, top view through B, side view through C of the object given in **figure 1**.
- b. **Figure 2** shows the isometric view of a V block. Draw the top view, sectional front view and sectional end view.
- c. A square block of 25mm thick and 70mm side is surmounted by a cube of 40mm side. On the top of a cube, rests a square pyramid, altitude 40mm and side of base 25mm. The axis of the solids is in the same straight line. Draw isometric projection of the solids.

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