

**ENGINEERING DRAWING-I**  
**1<sup>st</sup> Exam/Common/7152/Feb'2021**  
**(For 2018 batch onwards)**

**Duration: 1.15Hrs.**

**M.Marks:25**

**SECTION-A**

**Q1. Attempt any one question.**

**1x10=10**

- i. Draw the conventional representations of the followings:  
a) Earth b) Centre line c) Dimension line d) Short break line e) Lead f. Leather
- ii. Print in single stroke vertical letters in height of 28 mm and in ratio of 7:4  
"TIME IS GREAT HEALER".
- iii. Construct a diagonal scale showing kilometers, hectometers and decameters, long enough to measure upto 5 km, show a distance of 3km 5hm 7dam.  
R.F=1/40,000
- iv. What is sectioning and why it is required.

**SECTION-B**

**Q2. Attempt any one question.**

**1x15=15**

- a. **Figure 1** shows the isometric view of a block. Draw to scale 1:1 the  
i) Sectional elevation ii) Plan iii) half sectional end view.
- b. A cube of side 40 mm rests axially on a cylinder of 70 mm diameter and 40 mm high. Draw its isometric view.

