

S. B. Roll. No.....

ENGINEERING DRAWING-I
1st Exam/Common/7152/Jun'2021
(For 2018 batch onwards)

Duration: 1.15Hrs.

M.Marks:25

SECTION-A

Q1. Attempt any one questions.

1x10=10

- i. Write in single stroke capital letters in the ratio 6:5 in the height of 35mm, the following statement:
WORK IS WORSHIP
- ii. Draw the conventional breaks of the following materials.
a) Pipe b) Wooden rectangular section c) Rolled Section d) Channel section.
- iii. Draw various conventions for various lines according to B.I.S. as used in engineering practice.
- iv. To draw a simple scale or plain to show meters and decimeters when one meter is represented by 2.5 centimeters on the scale. The scale should be long enough to measure upto 6 metres. Mark on the scale 4 metres 7 decimetres and 5 metre one decimeter.

SECTION-B

Attempt any one question.

1x15=15

- Q2.** Isometric view of a block as shown in fig (a) is given showing complete dimensions. Draw to a suitable scale the views a) Front view b) Side view c) Top view in first angle projection.
- Q3.** An isometric view of a cast iron block is given in Fig (b). Draw a) Front view b) Sectional side view.
- Q4.** A right circular cylinder of diameter 40mm and height 60mm is centrally placed vertically on a 50mm square prism of thickness 15mm. Draw front view of the cylinder and block. Draw isometric projection of the cylinder placed vertically on a prism.

