

(4)

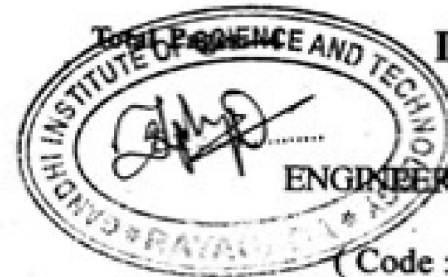
7. A single room having inside dimension of 4000 mm × 6000 mm has a front verandah of 2500 mm wide. It has the following specifications :

- (i) Wall thickness – 300 mm
- (ii) Plinth height – 600 mm
- (iii) Ceiling height – 3500 mm
- (iv) Roof slab thickness – 125 mm
- (v) Door – 1200 mm × 2100 mm
- (vi) Window – 1200 mm × 1500 mm
- (vii) Verandah pillar – 300 mm × 450 mm
- (viii) Steps-Rise – 150 mm
-Tread – 250 mm
- (ix) Plinth projection – 100 mm
- (x) Assume other required data.

(a) Draw the plan of the building at window sill level. 15

(b) Draw the front elevation of the building. 10

Adopt a scale of 1 : 40



I—Sem/COMMON/2014
(Instant) (New)/(L.E.)

ENGINEERING DRAWING

(Code : BEP–105)

Full Marks : 100

Time : 4 hours

Answer six questions including Q. No. 7

Figures in the right-hand margin indicate marks

1. (a) Draw the conventional symbols for the following : 5
- (i) First angle projection
 - (ii) Dashed thick line
 - (iii) Glass
 - (iv) Brickwork
 - (v) Concrete.
- (b) Draw the "Title block" of a standard drawing sheet used by polytechnic students. 5