Reg. No.:

Question Paper Code: 97081

24/12 AK

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2014.

First Semester

Civil Engineering

GE 6152 - ENGINEERING GRAPHICS

(Common to all branches)

(Regulation 2013)

Time: Three hours

Maximum: 100 marks

Note: Blank answer Booklet consisting of A3 drawing sheets is to be supplied to the students.

 $(5 \times 20 = 100)$

- 1. (a) For the object shown in Fig. 1(a), draw free hand sketching of
 - (i) Front view

(10)

(ii) Top view and (iii) Left hand side view.

(5)



All dimensions are in 'mm'

Fig. 1 (a)

(b) Construct a parabola, with the distance of the focus from the directrix as 50 mm. Also, draw a normal and tarigent to the curve at a point 40 mm from the directrix. (20)

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