

Printed Pages – 3

Roll No. :

320454(20)

B. E. (Fourth Semester) Examination, 2020

APR-MAY 2022

(New Scheme)

(Civil Engg. Branch)

CIVIL ENGINEERING DRAWING

Time Allowed : Four hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : Attempt any one question from each unit. Marks are indicative for each question. Draw neat and clean diagram as per directives given.

Unit - I

1. (a) Write a short note on the following : 4×4=16

(i) Aspect

(ii) Prospect

[2]

(iii) Roominess

(iv) Privacy

Or

(b) What are the standard norms & site selection criteria for the following : $2 \times 8 = 16$

(i) School

(ii) Hostel : Explain with suitable sketches

Unit - II

2. (a) Draw the plan, elevation and section for a single story HIG type house for a plot size $12 \text{ m} \times 18 \text{ m}$ adopt a scale of 1:100 for plan, section and elevation. The section must pass through kitchen. $3 \times 16 = 48$

Or

(b) Draw a plan, elevation and section for a single story health centre on a suitable plot size. Adopt a suitable scale. $3 \times 16 = 48$

Unit - III

3. (a) Draw with the help of suitable scale of the half

[3]

glazed half paneled door with all detail. 16

Or

(b) Explain in detail about elements of perspective plan view. 16