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Roll No. : ....

# 320454(20)

# B. E. (Fourth Semester) Examination, April-May 2021

(New Scheme)

(Civil Engg. Branch)

### CIVIL ENGINEERING DRAWING

Time Allowed: Three hours

Maximum Marks: 80

Minimum Pass Marks: 28

Note: Attempt all questions. All question carries equal marks.

### Unit-I

- 1. (a) What do you mean by Prospects? 2
  - (b) Explain objective of building bye-laws. And alsoexplain the principle of building bye laws.14

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(b) Draw elevation and section of a single storey MIG house given in question 2(b). (Take data from the question 2(b)). 8+8=16

#### Unit-IV

4. (a) Draw the single line plan of a primary school building. Also show the arrangement of furniture in a class room. Assume suitable scale.

#### Or

(b) Draw the single of primary health centre. Assume suitable scale.

#### **Unit-V**

of ends as 3 cm × 4 cm rests with one of vertical edges in a picture plan. Station point is 8 cm in front of picture plan. The height of observer is 6 cm. Draw its two point perspective. Also show the affect of change of height of eye level on the perspective.

Or

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[2]

(c) Explain in detail principal of planning.

14

#### Unit-II

- 2. (a) Draw a plan for a single storey residentail building with following requirement: (Scale 1:100)
  - (i) Plot size:  $(14 \times 20)$  m
  - (ii) Two Bedrooms
  - (iii) One living room
  - (iv) Two bathroom (one attach and on common)
  - (v) Veranda of suiable with width
  - (vi) Kitchen with store room

## Or Or

(b) Draw a plan of a single storey MIG house with staircase inside. Plot size (18 × 12) m. Adopt scale
 1:100.

#### Unit-III

3. (a) Draw elevation and section of a single storey residential building given in question 2(a). (Take data from the question 2(a)). 8+8=16

(b) Draw the front element and section at XX & YY
direction of the double leafed panalled and glazed
door.

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