

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
 (AUTONOMOUS)
B.Tech IV Year I Semester Supplementary Examinations August-2021
ESTIMATION, COSTING AND VALUATION
 (Civil Engineering)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

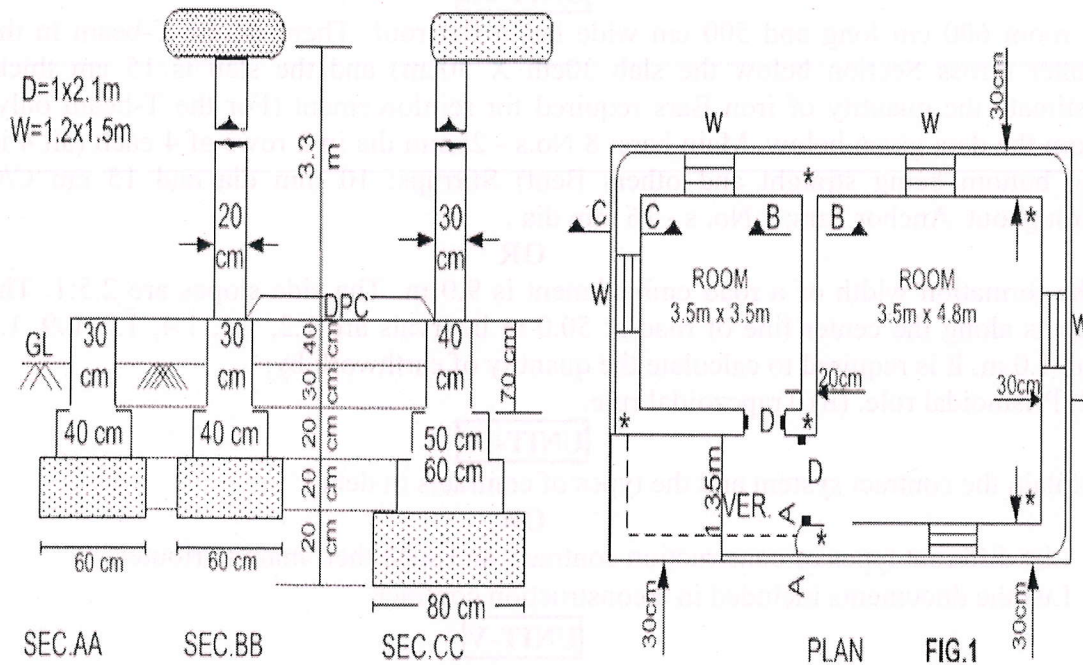
- 1
 - i What is meant by detailed estimate? 12M
 - ii Differentiate between estimating and costing.
 - iii Define plinth area estimate.
 - iv List out the method for building estimate.

OR

- 2 List various types of estimates. Explain any two in brief. 12M

UNIT-II

- 3 Calculate the quantities of the following items for the building shown in fig using Long wall and short wall method. (a) Earth work in excavation, (b) Brick work in foundation and plinth, (c) PCC (1: 5: 10) below the foundation, (d) Damp Proof Course, (e) Brick masonry in CM (1:6) for super structure. 12M



OR

- 4 Calculate the quantities of the following items for the building shown in fig using Long wall and short wall method. 12M
 - (i) Earth work in excavation
 - (ii) Brick work in foundation and plinth
 - (iii) PCC (1: 5: 10) below the foundation
 - (iv) Damp Proof Course
 - (v) Brick masonry in CM (1:6) for super structure

