

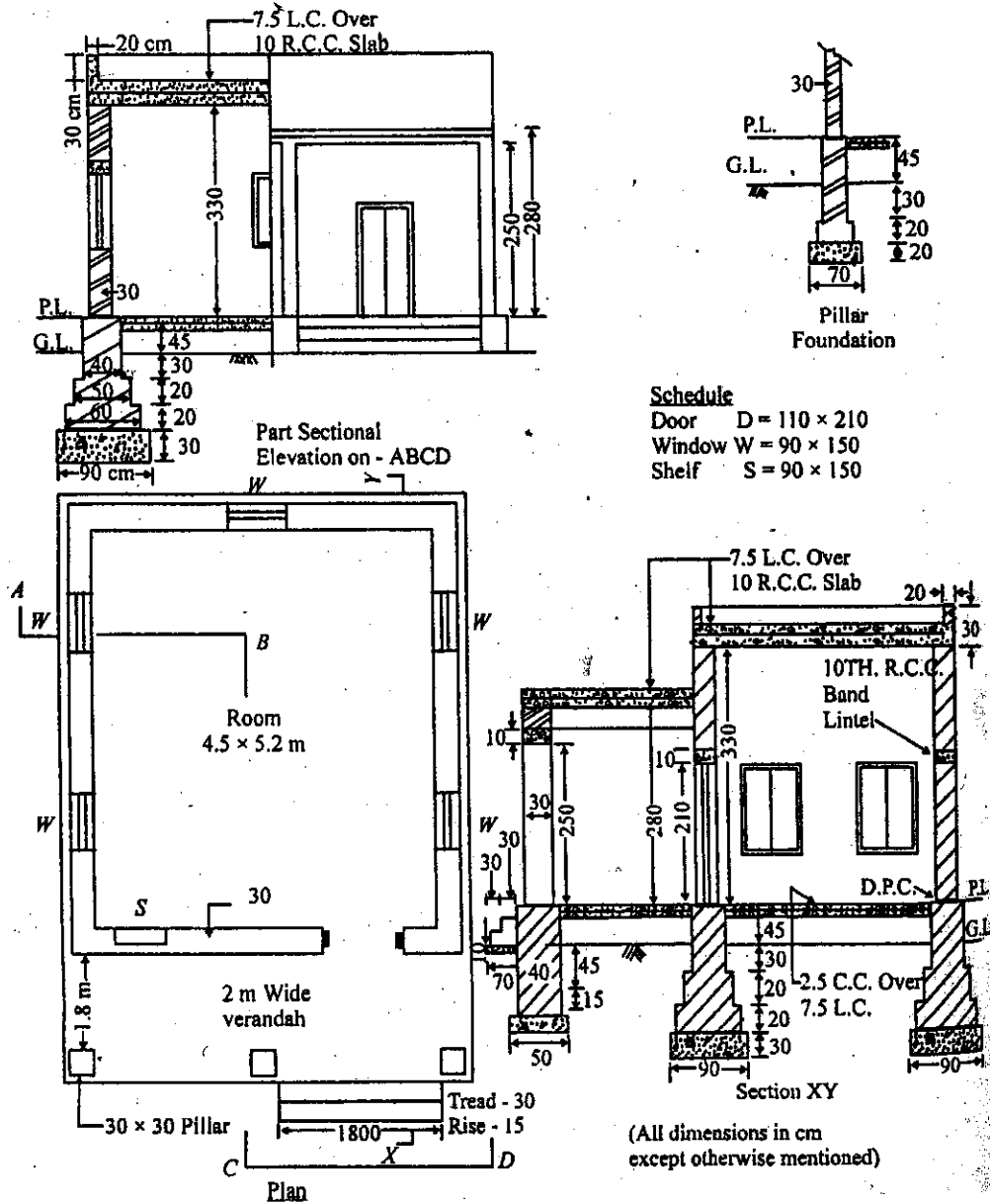
B.Tech. Degree VIII Semester Examination, April 2008

CE 801 A/B QUANTITY SURVEYING AND VALUATION (2002 Scheme)

Time: 3 Hours

Maximum Marks: 100

I Estimate the quantities of the following items of the building whose Plan, Section and part sectional elevation are given in the figure.



- i) Earth work in excavation in foundation
- ii) Lime concrete in foundation
- iii) Ist class B.W in foundation and plinth
- iv) Ist class B.W in superstructure

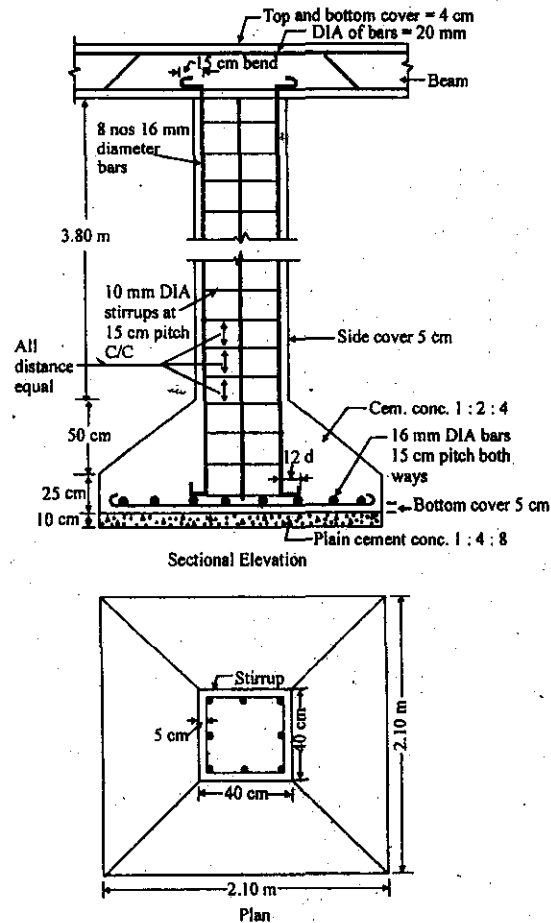
OR

(40)

(Turn Over)

II

Work out the quantities of steel in a R.C.C column shown in the figure.



(40)

III

Write down the specification for the following items:

- Earth work excavation in foundation
- Cement concrete 1:2:4
- DPC
- Ist class brickwork in superstructure

(20)

OR

IV

Calculate the materials and rate required for the following items per m^3 .

- Cement concrete 1:4:8 with 50mm nominal size aggregates
- R.R masonry in super structure in cement mortar (1:6)

(20)

V

Define:

- Scrap value
- Assesses value
- Book value
- Price and Cost
- Year of Purchase

(20)

OR

VI

- Explain the different methods for calculating depreciation.
- A person purchases a property for Rs.20,00,000/-. Assuming that its net salvage value after 30 years will be Rs.2,00,000/-. Determine amount of depreciation each year considering it to be uniform.

(10)

(10)

VII

What are the purposes of valuation and explain the methods of valuation?

(20)

OR

VIII

Work out the valuation of a building which is located in a smart city, Plinth area of building is $400m^2$. Plinth area rate inclusive of all services such as water supply, sanitary and electric installations may be assumed as Rs. 4600/ m^2 . The building is 20 years old and life of building may be assumed as 100 years.

(20)

