

B. Tech Degree VIII Semester (Supplementary) Examination, September 2008

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

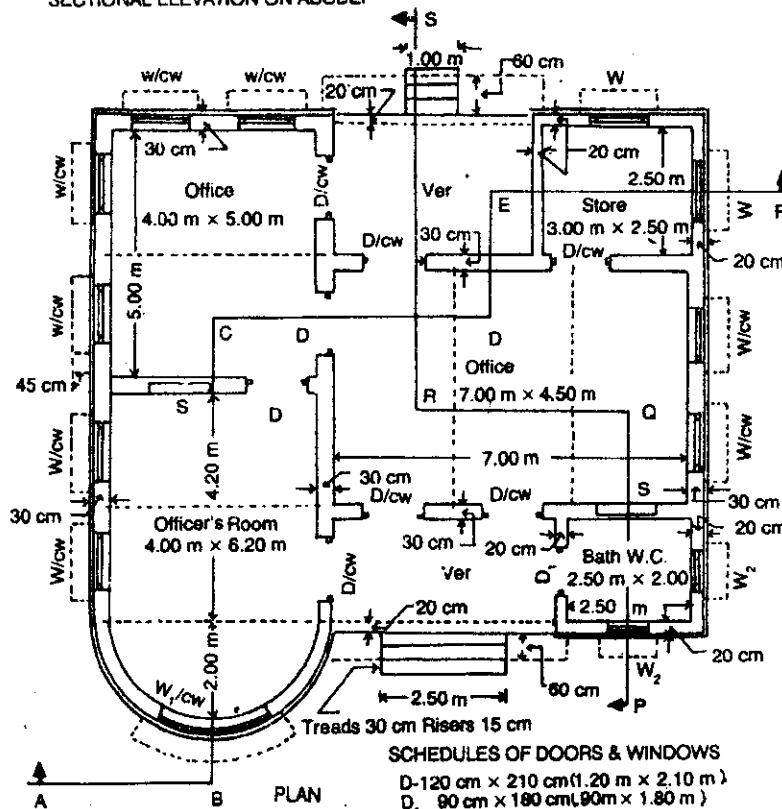
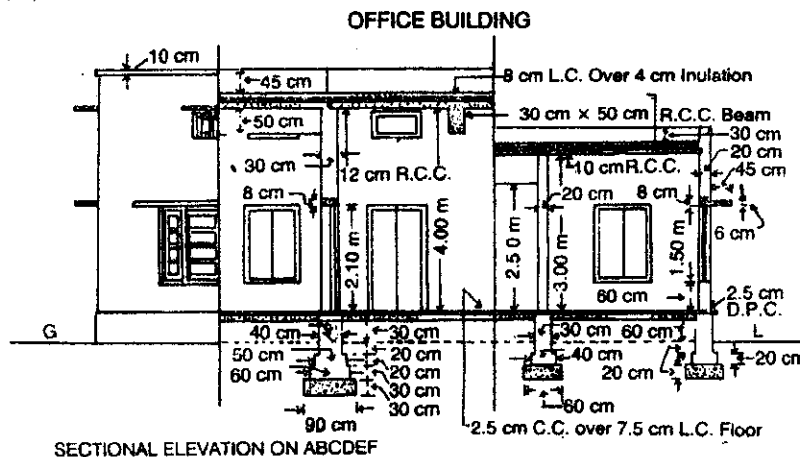
Time : 3 Hours

Maximum Marks : 100

I. Estimate the quantities of the following items of work of the building whose plan and section are given in the below figure

- (i) Filling in basement with sand
- (ii) PCC for flooring 1:3:6
- (iii) Brick work in Cm 1 : 6 for walls
- (iv) DPC for basement

(40)



SCHEDULES OF DOORS & WINDOWS

- D-120 cm x 210 cm (1.20 m x 2.10 m)
- D₁ 90 cm x 180 cm (90 cm x 1.80 m)
- W – 110 cm x 150 cm (1.10 m x 1.50 m)
- W₁ 200 cm x 150 cm (2.00 m x 1.50 m)
- W₂ 75 cm x 120 cm (.75 m x 1.20 m)
- C.W. - 100 cm x 60 cm (1.00 m x .60 m)
- S - 120 cm x 200 cm (1.20 m x 2.00 m)

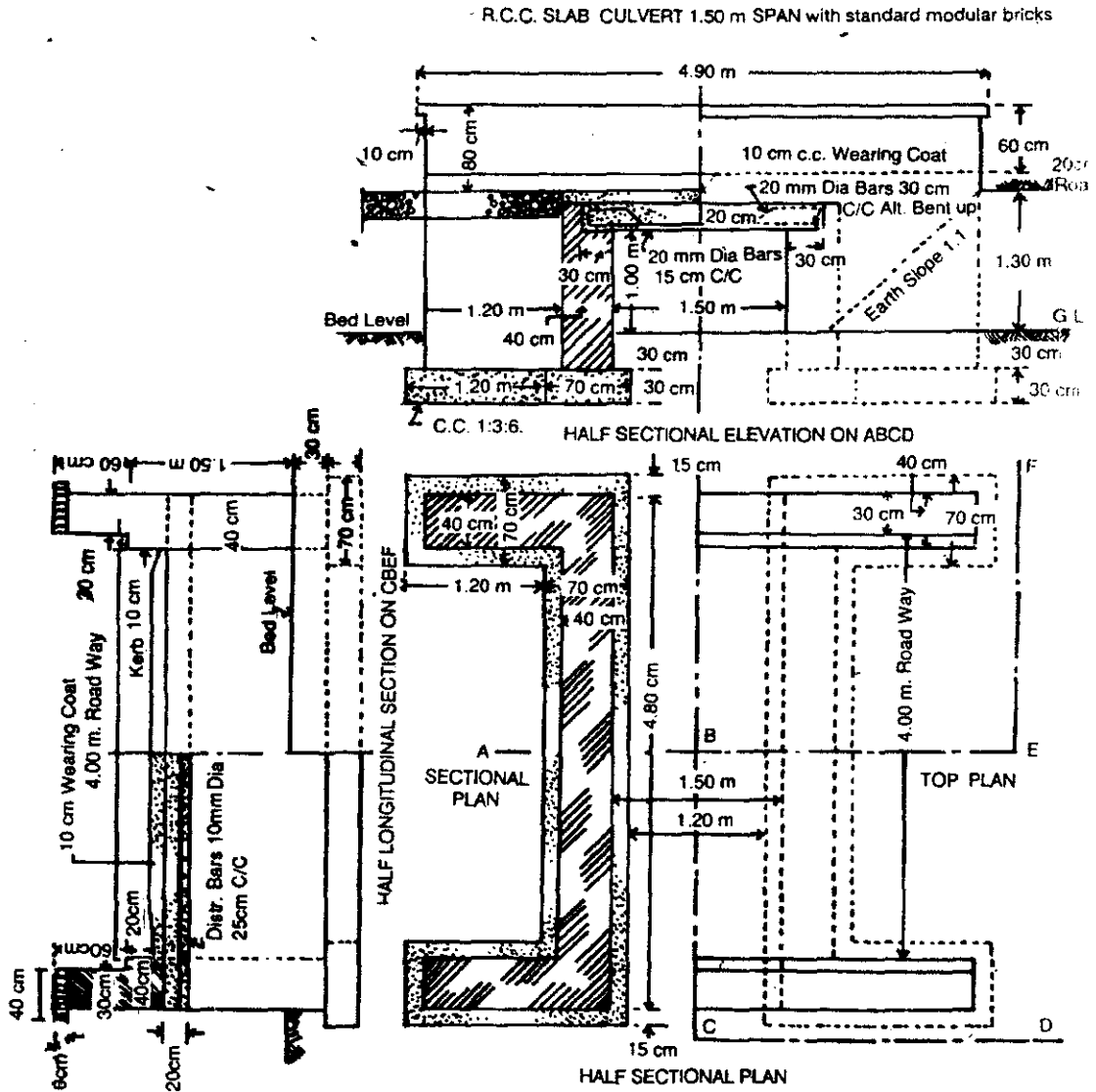
(Turn Over)

OR

II.

Prepare a complete bar bending schedule for the RCC slab culvert shown in the below figure. Also calculate the quantities of RCC.

(40)



III.

Write down the specifications for the following:

- (i) Earth work in excavation for foundation
- (ii) Cement concrete 1 : 2 : 4
- (iii) Pointing in CM 1 : 3
- (iv) Painting steel and iron works

(20)

OR

(Contd....3)

- IV. Briefly explain the method of measurement for the following works.
- (i) Brick work for super structure
 - (ii) RCC work in roof slab, beams and sun shades (20)
- V. (a) Briefly explain the following
- (i) Outgoings
 - (ii) Straight line method working out depreciation (10)
- (b) Explain the various factors affecting the changes in market value. (10)
- OR**
- VI. (a) Differentiate between the following:
- (i) Salvage value and scrap value
 - (ii) Sinking fund and depreciation (10)
- (b) A temporary shed has been constructed for Rs.12,000/-. Assuming its salvage value at the end of 6 years as Rs.3000/- determine the amount of depreciation and book value for each year by constant percentage method. (10)
- VII. A person intends to purchase a property on a 21 year lease. The prevailing rent for such a property is Rs.3000/- per month. He is prepared to pay to the owner of the property a certain premium and a rent of Rs.500/- per month. Calculate the amount of premium. (20)
- OR**
- VIII. A free hold property having an area of 2500m² is fully developed and it has been let out to a bank on a short term lease of 5 years for a monthly rent of Rs.30,000/-. The local taxes are paid by the tenant. The property is jointly held by the four co-owners. Work out the value of the property. (20)

