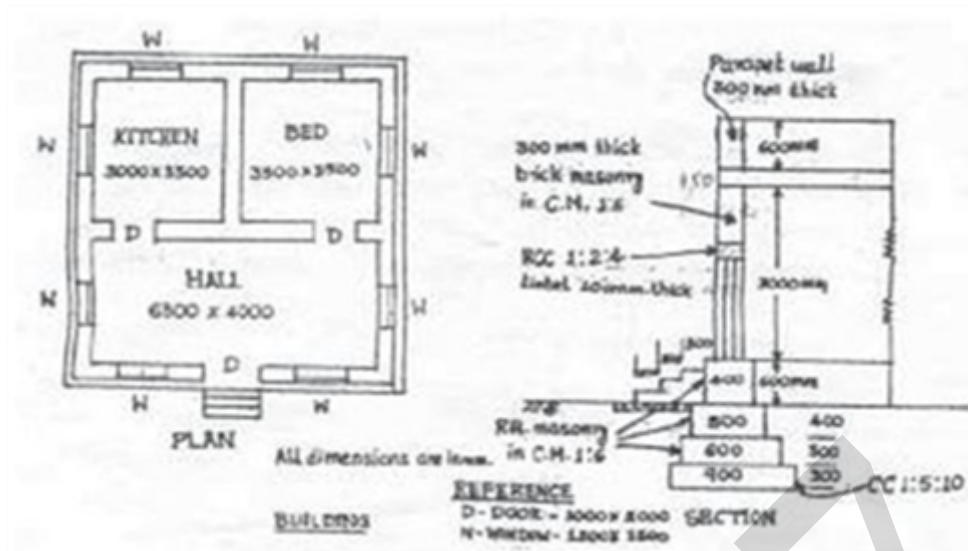


Seat No. **OCT-NOV 2025 WINTER EXAMINATION****1154 B.Tech. CBCS****Sub. Name: Quantity Survey and Valuation****Sub. Code: 67560/83734/84014****Day and Date: Friday ,05-12-2025****Total Marks: 70****Time: 02:30 PM To 05:30 PM**

Instructions: 1. Assume suitable data wherever necessary and mention it boldly
2. Figures to the right indicate full marks
3. Use of Scientific calculator is allowed

Special Inst.: Questions No. 3 is compulsory. Attempt any 2 questions from remaining in Section I and any 3 questions from Section II.

- Q1) Attempt all questions [10]**
- a. Write the different types of estimate and state various items to be included in detailed Estimate. [5]
- b. What is IS 1200? Write rules for deduction for plastering work as per code [5]
- Q2) Attempt all questions [10]**
- a. What is meant by Task work? Explain its importance in rate analysis with suitable examples. [5]
- b. Write a detailed note on factors affecting cost of construction. [5]
- Q3) Attempt all questions [15]**
- a. The plan and section of building is shown below. [12]
Find out quantity of item for the following work by using centre line method.
1. Earth work in Excavation, 2. Earth work in plinth filling ,
3. First class Brick work in cement mortar (1:6) for foundation and plinth, 4. 2.5 cm thick D.P.C.



b. Write a short note on P.W.D. method. [3]

Q4) Write Short Note on (Any TWO) [10]

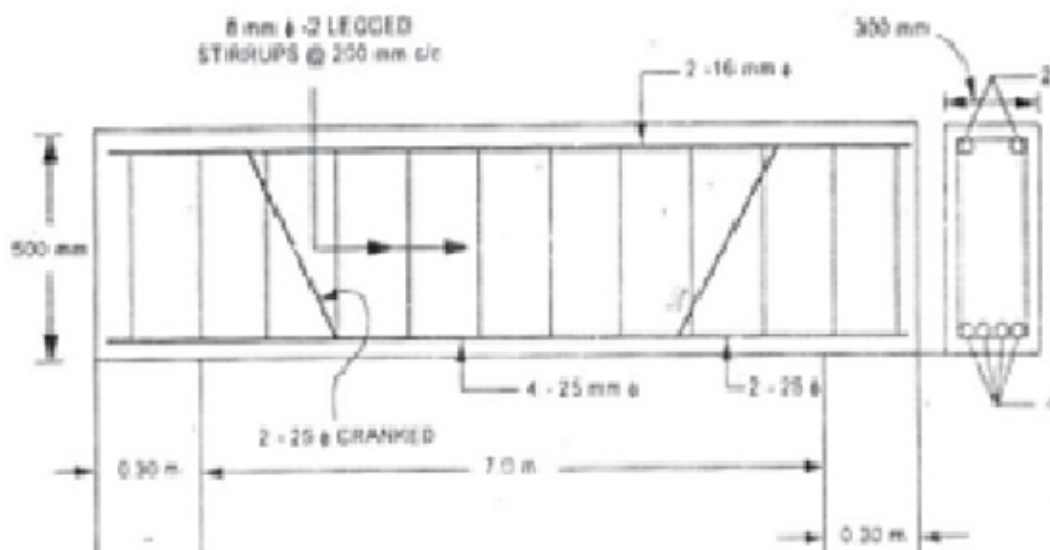
- a. Provisional sum and Prime cost. [5]
- b. Measurement sheet and abstract sheet. [5]
- c. District Schedule of Rates. [5]

Q5) Attempt all questions. [11]

- a. Explain a note on bar bending schedule. [5]
- b. What is Valuation? What are the factors affecting on valuation of real properties? [6]

Q6) Attempt the following [11]

a. Prepare Bar Bending Schedule for the following type 2 Beams [11]



- Q7)** Attempt the following **[12]**
- a.** Work out the value of a premises consisting of land and a house in poor condition, to let for Rs. 6000.00 per month inclusive of all taxes. The house is in such a condition that the effective life cannot be more than 20 years and after that house shall have to be rebuilt at an estimated cost of Rs .25000/- The rent by comparison with other premises is fair and likely to be maintained for a very long period provided yearly repairs are regularly executed . Assume the following data: Cost of Annual repair = 8% of the gross rent ; Rebuilding time = one Year ; Interest on capital @ 7% and for redemption of estimated cost to rebuilt the house @ 4% ; Other outgoings – 18% **[9]**
- b.** Explain Belting Method of valuation of land **[3]**
- Q8)** Write short note (Any TWO) **[12]**
- a.** Price , Cost and Value **[6]**
- b.** Capitalized value and year purchase. **[6]**
- c.** Types of Leases. **[6]**

End Of Question Paper

Important Note for Chief Exam Officer / SRPD Coordinator / Sr Supervisor/ Student -

This Question Paper may be distributed for following Subjects as common code.

सदरची प्रश्नपत्रिका खालील विषयांकरिता वितरित करता येईल.

- 1] (101) Bachelor of Engineering (67560) Quantity Surveying and Valuation Part 4 SEM 7
- 2] (101) Bachelor of Engineering (84014) Quantity Survey and Valuation Part 4 SEM 7
- 3] (1154) B.Tech. CBCS (83734) Quantity Survey and Valuation Part 4 SEM 7