

BACHELOR OF ARCHITECTURE (B.Arch.)

Term-End Examination

00055

December, 2014

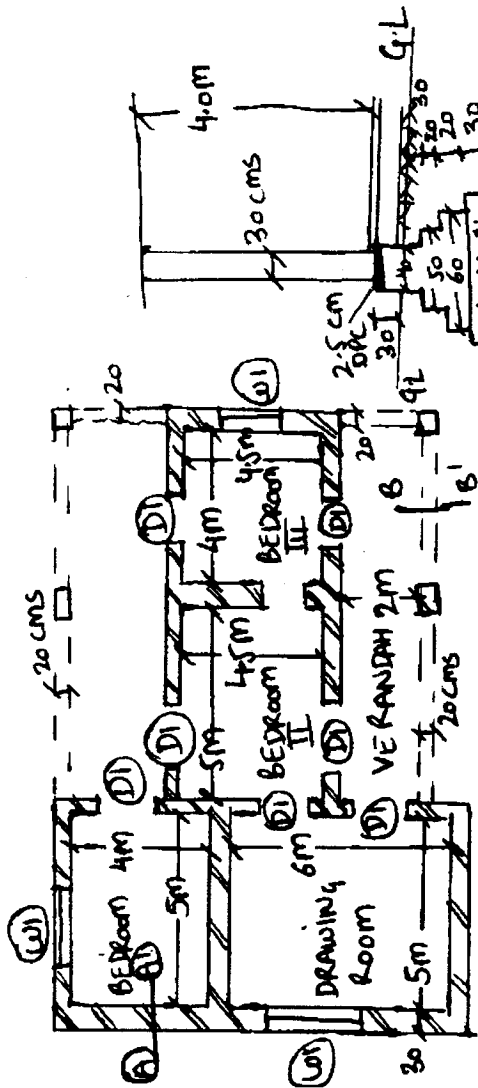
BAR-053 : ESTIMATING AND COSTING

Time : 3 hours

Maximum Marks : 70

Note : Answer any **five** questions. Question no. 1 is **compulsory**. All questions carry equal marks. Use of calculator is permitted.

1. Give the detailed estimate of the following quantities of work in the ground floor of a building (shown on Page 2) : 14
- Brickwork in foundation and plinth
 - 2.5 cm. thick D.P.C.
 - Wood work in Chowkhats (teak wood)
[for doors]
 - 40 mm thick panelled shutters [for doors]

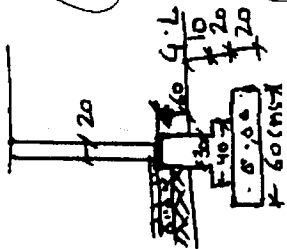


SECTION AA'

D1 = 1.2M X 2.1M

W1 = 1M X 1.5M

(SECTION BB')



(PLAN)

2. Give the analysis of rates for cement concrete (1 : 5 : 10 ratio) in the foundation work for a 2 BHK residence. 14

3. Write short notes on any **four** of the following :

$$4 \times 3 \frac{1}{2} = 14$$

- (a) Acquittance Roll
- (b) Financial Handbook
- (c) Book of Forms
- (d) Piecework Agreement
- (e) Valuation

4. What do you understand by the term Depreciation ? Explain the method of calculating depreciation for a residence. 14

5. Write the detailed specifications for a damp proof course (1 : $1\frac{1}{2}$: 3) laid in a residence of 2 BHK. 14

6. What do you mean by the terms "Contract" and "Contract Document" ? Explain. 14

7. (a) What steps will you take to correctly maintain an Imprest Account? 7
- (b) A contractor fails to complete his work in spite of repeated reminders. How will you get the work completed? Explain. 7
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