



Quantity Surveying & Valuation (New)
(1230)

P. Pages : 4

Time : Four Hours

Max. Marks : 100

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Answer sheet should be written with blue ink only. Graph or diagram should be drawn with the same pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. Solve **any two** questions from each unit.
5. Use of non- programmable calculator is allowed.
6. Answer to all questions of same unit, should be written at one place.
7. Assume suitable data if necessary.

UNIT – I

1. a) List the types of Estimates and explain any two in detail. **10**
- b) Explain about Approximate estimate in detail with example. **10**
- c) Explain Administrative approval and technical sanction. **10**

UNIT – II

2. a) Estimate the quantities of the following items of a two roomed building from the given plan and section, enter them in standard measurement sheet. (Fig. 1) **10**
 - i) Earthwork in excavation in foundation.
 - ii) Lime concrete in foundation.
- b) Estimate the quantities of the following items and enter them in standard measurement sheet in (fig. 1) **10**
 - i) 1st class brickwork in cement mortar 1 : 6 in foundation and plinth.

c) Calculate the quantities of the following items & enter in standard measurement sheet Ref. (fig. 1)

i) 1st class brickwork in lime mortar in super structure.

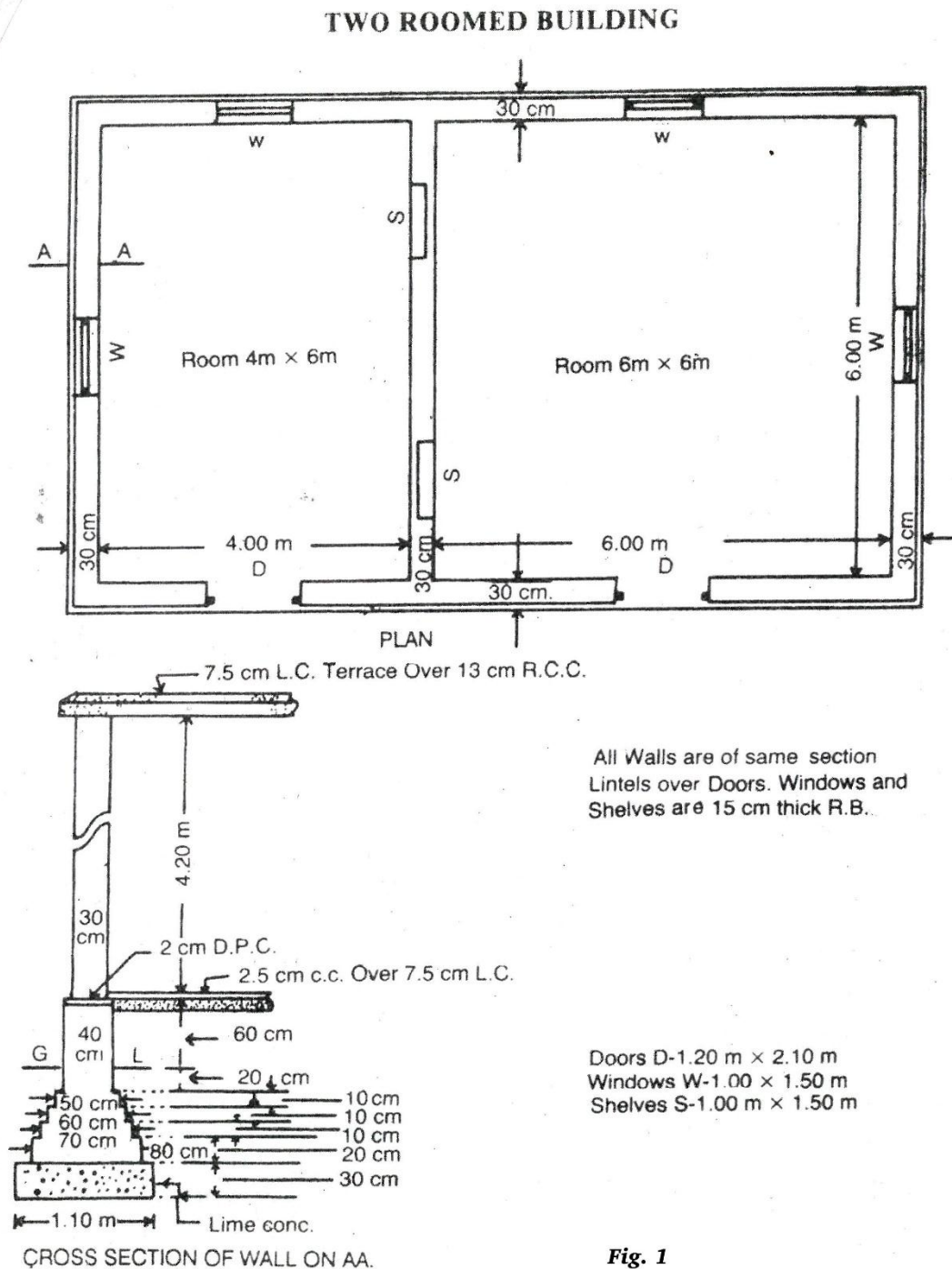
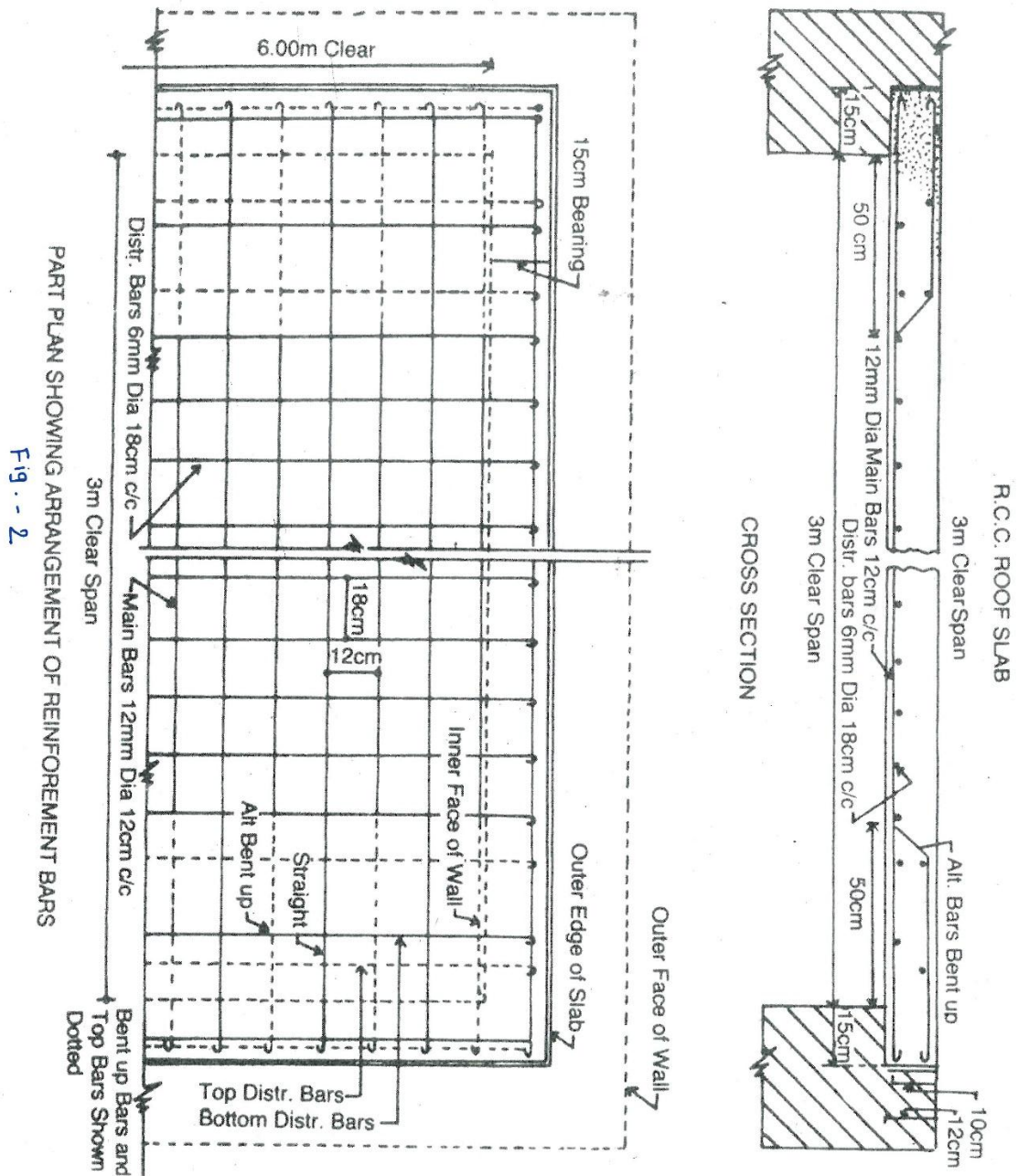


Fig. 1

UNIT – III

- | | | |
|-------|---|----|
| 3. a) | Explain about bar bending Schedule with neat sketches. | 10 |
| b) | Prepare a detailed estimate of a R.C.C. Roof slab from given (fig.2).
Calculate steel reinforcement in detail. | 10 |
| c) | Prepare a Schedule of bars of (fig. 2) in detail. | 10 |



UNIT – IV

4. a) Explain Analysis of rate with examples. **10**
- b) Explain : **10**
- i) Specifications.
 - ii) Task work.
- c) Draft a specification for R.C.C. work in detail. **10**

UNIT – V

5. a) List the methods of valuation and explain any two in detail. **10**
- b) List the methods of depreciations and explain any one in detail. **10**
- c) Explain : **10**
- i) Market value.
 - ii) Sinking fund.
