

Code: 9A01605

B.Tech III Year II Semester (R09) Supplementary Examinations May/June 2017

ESTIMATION, COSTING & VALUATION

(Civil Engineering)

Time: 3 hours

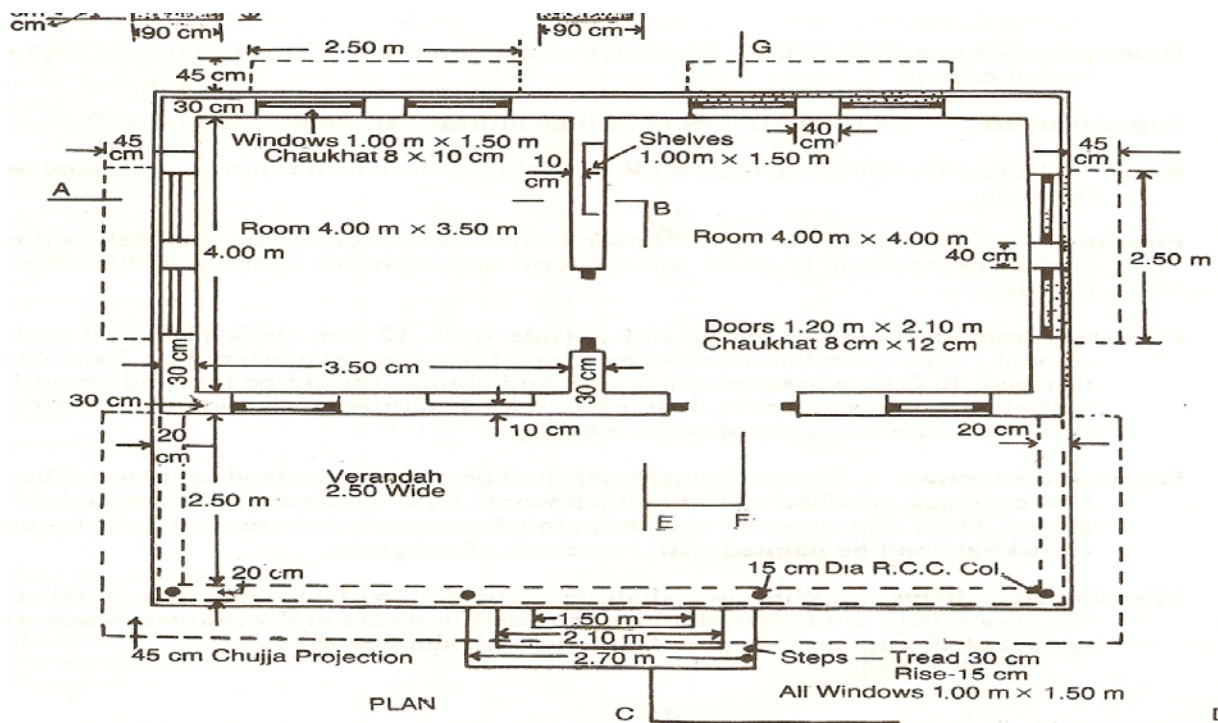
Max. Marks: 70

Answer any FIVE questions

All questions carry equal marks

Standard scheduled of rates is permitted in the examination hall

- 1 Write down specifications for:
 - (a) Painting.
 - (b) Flooring.
 - (c) Distempering.
 - (d) Whitewashing.
- 2 Calculate the quantities for the figure given below, for the following data:
 - (a) RCC (1:5:10) below plinth.
 - (b) Coursed rubble masonry below plinth

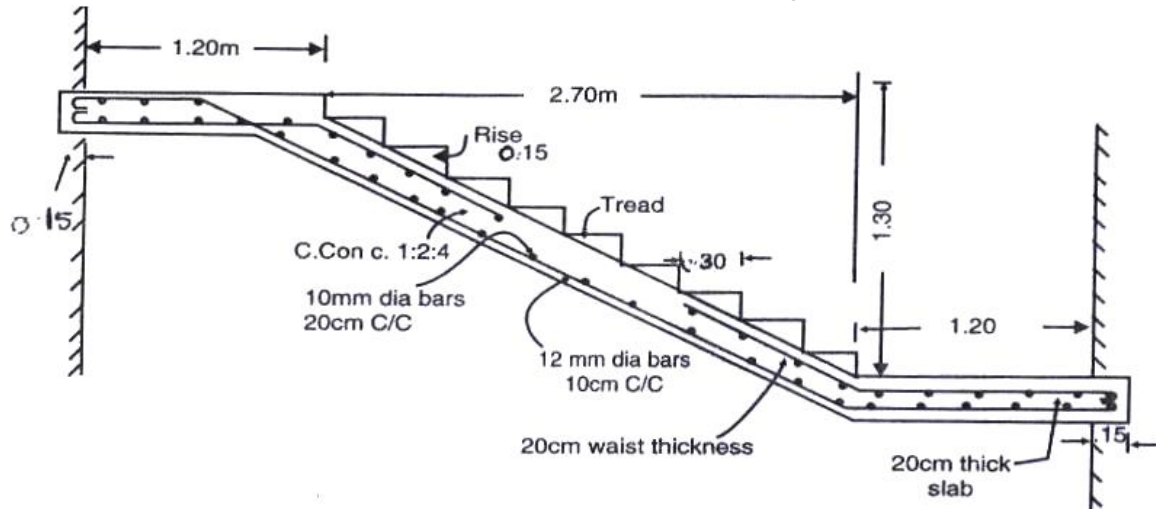


- 3 List out three types of canal sections involved in irrigational works in detail.
- 4 (a) What do you mean by task (or) out turn work? Explain with example.
 (b) Give the quantity of materials required for:
 - (i) Lime terracing on roof 2:2:7 for 10 cm thick.
 - (ii) 20 mm thick D.P.C with cement mortar.

Contd. in page 2

Code: 9A01605

- 5 A flight of stairs is to be constructed in R.C.C (1:2:4), from the sketch given below, workout the quantities steel reinforcement required. Also prepare bar bending schedule.



- 6 (a) What is meant by contract?
(b) List and explain the types of contracts?
- 7 (a) Calculate the capitalized value of a property, that is fetching a monthly rent of Rs. 10,000/-. Take taxes as 10% of gross rent. Maintenance cost Rs. 20,000/- per annum. Rate of interest is 7%.
(b) Differentiate between free hold property and lease hold property
(c) Differentiate between Salvage value and Scrap Value.
- 8 Write down the detailed specifications for the following items:
(a) First class building.
(b) 25 mm thick D.P.C.
