

ROLL No:

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Total number of pages:[2]

Total number of questions:06

B.Tech. || CE || 6th Sem
Professional Practice
Subject Code:BTCE-605
Paper ID:

Time allowed: 3 Hrs

Max Marks: 60

Important Instructions:

- All questions are compulsory
- Assume any missing data

PART A (2×10)

Q. 1. Short-Answer Questions:

All COs

- What do you mean by Plinth area and Floor area? Also write the relation between them?
- What is the importance of muster roll?
- Discuss the importance of Administrative approval and Technical sanction
- What is Imprest. Explain Permanent Imprest?
- Draw a page of a muster roll.
- What do you understand by Analysis of Rates?
- Write short note on contingencies.
- What are the uses of detailed specifications?
- What is the difference between Lead and Lift?
- Explain the term Debit and Credit

PART B (8×5)

Q. 2. Calculate the cost of earthwork for a portion of a road from the following data:-

CO1

Chainage	R.L. of Ground	R.L of Formation
10	51.20	<div>50.00</div> <div>↑</div> <div>Upward grading Of 1 in 200</div> <div>↓</div>
11	51.25	
12	50.90	
13	51.25	
14	50.80	
15	50.45	
16	50.20	
17	50.35	
18	49.45	

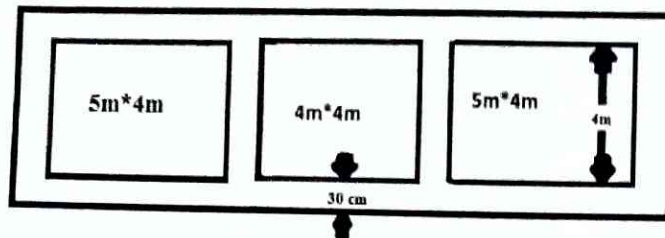
Formation width of 10 m , side slope 2:1 in banking and 1.5:1 in cutting. Length of chain

is 30 m. Take rate of earthwork as Rs. 275/-cum in banking and Rs. 350/- cum in cutting.

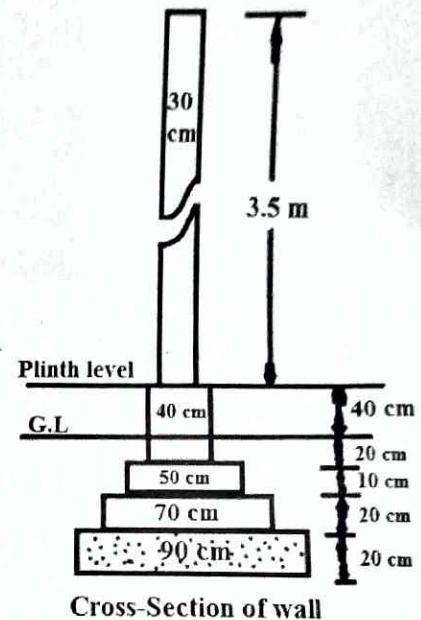
OR

Calculate the quantities of the following items of four roomed building from given data:-

- (1) Earthwork in excavation in foundation, (2) Lime concrete in foundation, (3) First class brickwork in 1:6 cement sand mortar in foundation and plinth (4) 2.5 cm D.P.C, and (5) First class brickwork in lime mortar in super-structure



Note: All walls having same cross-section



- Q. 3. What is Arbitration Act? Give a brief account on different kinds of arbitration according to Arbitration Act, 1940. CO2

OR

What do you mean by Arbitrator? Describe the types, powers and qualifications of Arbitrator. CO2

- Q. 4. Describe main features of PWD systems of Accounts and also explain the term Receipt of money CO3

OR

What do you understand by Measurement Book (M.B.) and discuss the general instructions for writing the standard M.B. CO3

- Q. 5. What do you mean by Estimate? Describe the various types of Estimates. CO4

OR

Write a note on (a) Contract, (b) Tender, (c) Tender Document, and (d) Earnest Money CO4

- Q. 6. Give detailed specifications for (any two): (a) Damp proof course 2.5cm c.c. 1:1.5:3 (b) 2.5 cm cement concrete floor (c) Centering and Shuttering. CO1

OR

What are the general rules for uniform methods of measurement? CO1