

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech.(CE) (2011 onwards) (Sem.-6)

PROFESSIONAL PRACTICE

Subject Code : BTCE-605

Paper ID : [A2292]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.
4. Assume any data suitably.

SECTION-A**1. Write briefly :**

- a. Explain the term Schedule of rates.
 - b. Classify the contracts.
 - c. List the different methods for calculating the earthwork in Road construction.
 - d. What is Index Plan?
 - e. Explain the term Temporary imprest.
 - f. Write the detailed specifications of first class Brickwork.
 - g. Why measurement books are considered very important account records?
 - h. What is a Temporary advance?
 - i. What do you understand by analysis of rates?
 - j. Explain the term Arbitration.
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SECTION-B

2. Write the detailed specifications for Earthwork in excavation in foundation.
3. Explain the difference between Main Cash book and Subsidiary CashBook.
4. Discuss the Main features of PWD systems of Accounts.
5. Explain different types of estimates, Write a short note on detailed estimate.
6. How present day cost of a building can be worked out?

SECTION-C

7. Estimate the quantity of earthwork in a tabular form for the portion of a road from the following data :

Formation width of Road 8.0m, Side Slope 1.5:1 in banking, 1 : 1 in cutting.

Distance between stations = 50.0m, Assume Ground as Level.

Station	0	1	2	3	4	5
PL of Ground	102.0	101.5	102.5	102.5	102.5	102.75
RL of formation	102.0	>>>>>	upward 1:200			

8. Draw a page of a cashbook. Explain with examples how receipt and payment sides are filled.
9. Explain the following :
 - a. Indent Form and its use.
 - b. Regular Establishment.
 - c. Work Order.
 - d. Muster Roll.