

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

**B.Tech. (Civil Engg.) (Sem.-6)**  
**PROFESSIONAL PRACTICE**

Subject Code : BTCE-605

M.Code : 71086

Date of Examination : 12-07-22

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.

**SECTION-A**

**1. Write briefly :**

- a) What is bid?
- b) What are overhead costs?
- c) What is subsidiary cash book?
- d) What are Liquidated damages?
- e) Define temporary imprest.
- f) What is work order?
- g) What is index plan?
- h) What are steel stanchions?
- i) List the various types of roofs.
- j) Define work charge establishment.

## SECTION-B

2. Find the area of temporary land required for one km length of a road from the following data:

Formation width= 10m, Avg height of bank= 1.50m, Side slope = 2H: 1V, Depth of borrowpit= 30 cm.

3. Explain the detailed specifications for :
- Brickwork and DPC for residential building.
  - RCC work and earthwork for building project.
  - White and colour washing.
4. Compare the different types of contract agreements for the construction projects.
5. Explain in detail the use of measurement book, indent form, imprest account and muster roll.
6. What are the contents of a tender document? Enumerate the complete tendering procedure.

## SECTION-C

7. Explain the various methods of building estimate alongwith advantages and limitations of each.
8. What is the purpose, importance and factors on which analysis of rates of items depend? Discuss in detail.
9. Enumerate general specifications for various classes of buildings.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**