

Roll No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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 has to attempt any **FOUR** questions.
3. SECTION-C contains **THREE** questions carrying **TEN** marks each and students has to attempt any **TWO** questions.
4. Assume any data suitably.

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

- a) General specifications
- b) Piece work agreement
- c) Imprest
- d) Submission of tender document
- e) Technical sanction
- f) Cube rate estimate
- g) Explain the term indent form and its uses.
- h) Draw a page of muster roll
- i) What do you understand by analysis of rates?
- j) Explain briefly valuation. What are its purposes?

SECTION-B

2. What is the difference between general specifications and detailed specifications?
3. Discuss the different methods used in calculating earthwork in road construction.

4. What is tender? Give detailed classification of tenders.
5. Find the rate of plain cement concrete (1:2:4) per cu. m by rate analysis. Assume suitable rates of material and labour.
6. Define the following terms :
 - a) Cash book
 - b) Administrative approval

SECTION-C

7. Give differences between the followings :
 - i) road metal account and material at site
 - ii) technical sanction and administrative approval
 - iii) major work and minor work
 - iv) security deposit and earnest money
8. What is purpose, importance and factors on which analysis of rates of items depend? Discuss in detail.
9. Discuss different kinds of arbitration according to Arbitration Act. What are the advantages of arbitrations over a court decision?