

Roll No.

23522

**M. Tech 3rd Sem. (Civil Engg.)
Specialisation in Structural design
Examination – May, 2018**

PROFESSIONAL PRACTICES

Paper : MTSD-302

Time : Three Hours]

[Maximum Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : All question carrying equal marks. Attempt five question in all. Assuming missing data, if any suitably.

1. Describe the responsibilities of structural design engineer, architects and other consultants. Also explain their interrelationship. 20
2. (a) What is estimate ? Explain in detail the different points to make an estimate report. 10 × 2 = 20

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- (b) Define "project" in professional practices. Describe the salient features of complete estimate of a project.
3. (a) What do you mean by tender and its acceptance ?
Discuss $10 \times 2 = 20$
- (b) What is rate analysis ? Also explain its importance in contractor work.
4. (a) Explain the different specification for different classes of buildings.
- (b) What is tender ? Draft a sample tender notice assuming suitable data. $10 \times 2 = 20$
5. (a) What do you mean by contract document ? Describe different terms used in contract document. $10 \times 2 = 20$
- (b) Describe office organization. Describe the different dealing with different branches of organization.
6. (a) Differentiate between muster roll system and piece work agreement briefly. $10 \times 2 = 20$
- (b) Describe professional fees. Describe the different mode of payment to the contractor.
7. (a) What are the different trends in professional practices ? Explain in detail. $10 \times 2 = 20$

- (b) Explain the responsibilities and interrelationship in different design professionals. accounting system.

8. Write short notes on following : $4 \times 5 = 20$

- (a) Social Obligations
- (b) Tax Planning
- (c) Earnest money and Security money
- (d) Procedure of maintaining cash book

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