

Roll No.

23522

**M. Tech. 3rd Semester Civil Engg.
Specialization in (Structural Design)
Examination – December, 2014**

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 : Attempt five questions in all. All questions carry equal marks. Assume missing data, if any, suitably.

1. What do you mean by design professionals ?
Enumerate the different participants and describe their roles in design practices in detail. 20

2. (a) Define "project" in professional practices. Describe the salient features of complete estimate of a project. 10
- (b) What is estimate ? Explain in detail the different points to make an estimate report. 10

3. (a) What is contract system ? Describe the different types of contracts in detail. 10
- (b) Define handling approvals. Describe the practices followed in handling over and taking over charge on transfer. 10
4. (a) What do you mean by contract document ? Describe the different terms used In contract document. 10
- (b) Describe office organization. Describe the different departments dealing with different branches of organization. 10
5. (a) What do you mean by professional fees ? Describe the different mode of payment. 10
- (b) Describe the procedure of civil and P.W.D. accounting system. 10
6. (a) Differentiate between accounts of 'stock' and 'tools and plants'. 10
- (b) What do you mean by professional associations ? Explain the history of professional associations in detail. 10
7. (a) What are the different trends in professional practices ? Explain in detail. 10
- (b) Explain the responsibilities and interrelationship in different design professionals. 10

8. Write short notes on any *four* of the following : 20

- (i) Social obligations,
 - (ii) Tax planning,
 - (iii) Necessity of structural design engineer,
 - (iv) Acceptance of tender,
 - (v) Procedure of maintaining cash book.
-