

GANPAT UNIVERSITY

B. Tech. Semester: VII Civil Engineering

Regular Examination Nov – Dec 2015

2CI702 Professional Practice and Valuation

Time: 3 Hours

Total Marks: 70

- Instructions:** (1) This question paper has two sections. Attempt each section in separate answer book.
 (2) Figures on right indicate marks.
 (3) Be precise and to the point in answering the descriptive questions.

Section - I

- Que. – 1** (A) Enlist the type of tendering process adopted in civil engineering projects. Explain any two in detail. **6**
- (B) Enlist the documents included in the tender to be submitted. Briefly explain the purpose of each document. **6**

OR

- Que. – 1** (A) Explain the contract clause “Termination of contracts” in detail. **6**
- (B) Enlist different types of contracts used in civil engg. project execution. Explain any one in detail with its advantages and disadvantages. **6**
- Que. – 2** (A) Explain the term “office engineering”. List out various office engineering documents generated during the execution of construction projects. Explain any two documents with their formats. **7**
- (B) Explain briefly the purpose and process of pre-qualification of contractors. **4**

OR

- Que. – 2** (A) Explain duties and role of Client, Contractor and Architect involved in a construction project **7**
- (B) Draft a tender notice for the construction of the primary school building. (Assume all the relevant and suitable data) **4**
- Que. – 3** (A) With help of an example, explain unbalanced tender. **2**
- (B) Briefly explain the power jurisdiction of an arbitrator. **5**
- (C) Briefly explain the award by an arbitrator **5**

Section – II

- Que. – 4** (A) Briefly explain the types of works undertaken by in Public Works Department. **2**
- (B) Describe the terms “Copyrights” and “Patent”. **5**

- (C) Explain the term entrepreneurship. Enlist the functions of an entrepreneur. 5

OR

- Que. - 4 (A) Briefly describe the organizational structure of Public Works Department (PWD). 2

- (B) What is Intellectual Property Rights (IPR)? Why it is needed? 5

- (C) Briefly discuss on the types of entrepreneur 5

- Que. - 5 (A) What is tenure ship? Define freehold property. 3

- (B) Explain the purpose and procedure of measurement book entry and labour report in PWD works administration. 4

- (C) Define: First and final payment, Advance payment, Voucher and Interim payment. 4

OR

- Que. - 5 (A) Define the following terms: 3

1. Salvage Value
2. Market Value
3. Sentimental Value

- (B) Explain functions and powers of Superintending Engineer in R & B department. 4

- (C) Give the classification of work and estimate according to cost in Public Works Department. 4

- Que. - 6 (A) Explain Depreciation and Methods for finding out depreciation. 5

- (B) Salvage value of an old flat located in Ahmedabad is 75, 00,000/-. The flat is 20 years old and is still in a good condition. The construction cost of the flat was 98, 00, 000/-. Find out the annual depreciation of the flat. 3

- (C) Write short note on sinking Fund. 4

END OF PAPER