

Total No. of Questions : 4]

SEAT No. :

PD-252

[Total No. of Pages : 2

[6411]-27

BE. (CIVIL) (INSEM)

**Quantity Surveying Contracts and Tenders  
(2019 Pattern) (Semester - VIII) (401012)**

*Time : 1 Hour 15 min.]*

*[Max. Marks : 30*

*Instructions to the candidates :*

- 1) *Answer Q1. Or Q2, & Q3 Or Q4.*
- 2) *Neat diagrams must be drawn wherever necessary*
- 3) *Figures to the right indicate full marks.*
- 4) *Use of electronic pocket calculator is allowed*
- 5) *Assume suitable data if necessary.*

- Q1)** a) Draw a standard format of measurement form and abstract form. [5]
- b) Determine approximate estimated cost of a residential building using following data: [5]
- i) Built up area of the proposed building = 350 sq.m.
  - ii) Cost of construction for a building of built up area 300 sq.m and with same specification as proposed building constructed 3 years before = Rs: 16,00,000/-
  - iii) Assume 24% rise in construction cost over rates before three years.
  - iv) Assume a provision of 15% of construction cost for water supply, drainage and electrification.
- c) Write short note on prime cost and provisional cost of items. [5]

OR

- Q2)** a) Enlist data required to prepare estimate and explain in detail. [5]
- b) Write short note on contingencies and rate analysis. [5]
- c) Explain Bay method and Service unit method for preparing approximate estimate. [5]

*P.T.O.*

- Q3)** a) State various method of inviting tenders and explain any one method. [5]  
b) Explain five conditions of contract related to the execution of work. Give appropriate examples. [5]  
c) What is arbitration and what are powers of arbitrator? [5]

OR

- Q4)** a) What is meant by a tender notice? Discuss the essential contents of a typical tender. [5]  
b) Define contract and what are the objectives of it? [5]  
c) Explain the role of Arbitrator in civil engineering works. [5]

