

B.Tech. CIVIL ENGINEERING (BTCLEVI)**Term-End Examination****December, 2015****BICE-021 : ESTIMATION AND CONSTRUCTION
MANAGEMENT***Time : 3 hours**Maximum Marks : 70*

Note : Attempt any seven questions. All questions carry equal marks.

1. (a) Discuss the various factors which have complicated the process of estimating. 5
- (b) Explain the main functions of Abstract of an Estimate. 5
2. (a) Discuss the specifications for the following : 6
 - (i) Excavation
 - (ii) Foundation
 - (iii) Damp Proof Course
- (b) Write the importance and uses of specification. 4

3. What is the purpose of advertisement in tendering process ? What are the important points to be included in an advertisement ? Explain in detail. 10
4. Discuss the pre-qualification procedure for selection of contractors. Describe the advantages and disadvantages of pre-qualification of contractors. 10
5. (a) Discuss the need for Construction Management. 4
- (b) Define the following : 6
- (i) Activity
- (ii) Event
- (iii) Total Float
- in Construction Management.
6. (a) Discuss resource allocation in detail. 4
- (b) Explain in detail the guidelines for storage of building material. 6
7. (a) Explain in brief the various purposes of 'valuation'. 4
- (b) Define the following : 6
- (i) Cost
- (ii) Value
- (iii) Price

8. Describe the causes for functional and economic obsolescence. 10
9. Explain in detail the stages of Material Management. 10
10. Write short notes on the following : $4 \times 2 \frac{1}{2} = 10$
- (a) NAV
 - (b) Safety Stock
 - (c) Market
 - (d) Scrap Value
-