

**B.Tech. Civil (Construction Management) /
BTCLEVI**

Term-End Examination

June, 2016

00688

ET-523(A) : CONSTRUCTION WORKS SUPERVISION

Time : 3 hours

Maximum Marks : 70

*Note : Attempt any **five** questions. All questions carry equal marks.*

1. (a) Describe the important activities which a construction supervisor must perform at a construction site. 7
- (b) Explain the responsibilities of a supervisor appointed by the client. 7
2. (a) Define specifications. Explain the requirement of good specifications. 7
- (b) How can a three-dimensional structure be represented through drawing on a paper ? Write down the common sizes of drawing paper. 7
3. (a) Discuss the importance of preparing estimate of a construction project. 7
- (b) What do you mean by Project Budget ? Explain the procedure of preparing it. 7

4. (a) Describe the various items of 'Project Indirect Cost'. 7
- (b) Explain a typical format of 'Purchase Order'. 7
5. (a) Discuss the five important stages of work which are generally recorded in the 'Inspection Register' and passed by 'Engineer-In-Charge'. 7
- (b) Explain the general method of material accounting at site. 7
6. (a) Discuss the advantages of filling at 'Optimum Moisture Content'. 7
- (b) Explain the common defects occurring in 'Piling Work'. 7
7. (a) Classify brick masonry into different grades. 7
- (b) Describe the concrete equipment of a 'Ready Mixed Concrete Plant'. 7
8. (a) Explain the various points required to be kept in mind while supervising reinforced concrete work. 7
- (b) Describe the importance of earthing in electrical work. 7
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