

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

Term-End Examination

00942

December, 2016

ET-523(A) : CONSTRUCTION WORKS SUPERVISION

Time : 3 hours

Maximum Marks : 70

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

1. (a) Explain the management levels on a typical construction site. 7
- (b) Discuss the role of a construction supervisor in ensuring progress. 7
2. (a) Define drawing. Discuss the interpretation of drawings. 7
- (b) Describe the importance of conditions of contract to a supervisor. 7
3. (a) Discuss the need of estimation during project report stage and for project approval. 7
- (b) Explain the importance of estimation for variations. 7

4. (a) Describe a typical format of a log book for construction equipment. 7
- (b) Explain the general conditions of a contract. 7
5. (a) Discuss the major items which are recorded daily in the Site Diary. 7
- (b) Explain the procedure required to be followed to ensure proper accounting of major spare parts. 7
6. (a) Discuss the various precautions to be taken before excavation by blasting. 7
- (b) Explain the various safety measures required to be taken during the construction of a well foundation. 7
7. (a) Describe the various points required to be checked while supervising masonry construction. 7
- (b) Discuss the advantages of proper testing and quality control of concrete work. 7
8. (a) Explain the different equipments for transportation of concrete. 7
- (b) Discuss the various factors required to be kept in mind during supervision of making holes in different members of structural steel work. 7
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