

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

00105

**Term-End Examination**

**June, 2017**

**ET-523(A) : CONSTRUCTION WORKS SUPERVISION**

*Time : 3 hours*

*Maximum Marks : 70*

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

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1. (a) Discuss the role of a construction supervisor in a construction organisation. 7
- (b) Describe the responsibilities of a construction supervisor for completion of entrusted work in time. 7
2. (a) Explain the responsibilities of a supervisor appointed by a client. 7
- (b) Discuss the important documents which a contractor's supervisor has to maintain at the site. 7

3. Define the following terms :

7×2=14

- (a) Drawing
- (b) Isometric view
- (c) Plan
- (d) Elevation
- (e) Specification
- (f) Tender
- (g) Contract

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- 4. (a) Describe the necessity and importance of good specifications. 7
- (b) Explain the contents of a Log Book. 7
- 5. (a) Discuss the typical form of a “Contract Agreement”. 7
- (b) Discuss five important stages of work which are generally recorded in the “Inspection Register” and passed by the “Engineer-in-charge”. 7
- 6. (a) Explain various precautions required to be taken before excavation by blasting. 7
- (b) Discuss the basic principle underlying “Antitermite Treatment”. 7



7. (a) Describe the precautions required to be taken while bending reinforcement. 7
- (b) Discuss the various points required to be kept in mind while supervising reinforced concrete work. 7
8. (a) Explain the necessity of soaking bricks before use in masonry. 7
- (b) Describe the constructional details of formwork for walls. 7
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