

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

**Term-End Examination**

00383

**December, 2015**

**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 qualifications and training requirements of a construction supervisor. 7  
(b) Explain the necessary documents required to be maintained at the worksite by a construction supervisor. 7
2. (a) Discuss the necessity of specifications in a construction work. 7  
(b) Explain the purpose of preparing an estimate for a construction project. 7
3. (a) Describe the typical form of a contract agreement. 7  
(b) Explain the typical format of a log book for construction equipment. 7

4. (a) Discuss the typical format of a site order book. 7
- (b) Explain the procedure required to be followed to ensure proper accounting of major spare parts. 7
5. (a) Describe the advantages of earth filling at optimum moisture content. 7
- (b) Explain the reasons for classifying brick masonry into different grades. 7
6. (a) Describe the typical formwork for a simple slab with the help of a neat sketch. 7
- (b) Explain the different sources of water supply. 7
7. Write short notes on the following :  $4 \times 3 \frac{1}{2} = 14$
- (a) Cement Register
- (b) Well Foundation
- (c) Underwater Concreting
- (d) Purchase Process
8. Differentiate between the following :  $2 \times 7 = 14$
- (a) Painting and Glazing
- (b) Roofing and Ceiling
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