

**B.Tech. CIVIL (CONSTRUCTION
MANAGEMENT)**

BTCLEVI

Term-End Examination

December, 2013

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

Time : 3 hours

Maximum Marks : 70

Note : Question number 1 is compulsory. Attempt any four questions from question nos. 2 to 7. The answers shall be in your own words.

Write about the following in brief : **7x2=14**

- (a) Construction Supervisor
- (b) BOQ
- (c) Labour Rate
- (d) Quotation
- (e) Bar Chart
- (f) Brick Bats
- (g) Mud phuska.

- (a) What are the records to be maintained on a work site ? Explain about any two them in brief. **7**
- (b) What is the purpose of an Estimate ? List the essential components of an estimate ? **7**

Write short notes on the following : **4x3½=14**

- (a) Measurement Books
- (b) Muster Rolls
- (c) Indirect cost
- (d) Types of Contracts

4. (a) What are progress reports ? Give essential ingredients of a progress report of a construction project.
(b) What is the necessity of maintaining a register for materials and what information it should contain ?
 5. (a) What materials can be used for filling of trenches, plinth and floors ? Also give their specific purpose for using different materials.
(b) Explain pite driving process.
 6. (a) What are the main points to be observed during supervision of masonry work ?
(b) What are the site arrangements to be done for the storage of materials ?
 7. (a) How can you make the water proofing of (i) Roofs (ii) Walls ? Explain.
(b) Give procedure for laying and jointing of pipes for water supply.
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