

01752

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

BTCLEVI

Term-End Examination

June, 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.

1. Write about the following in brief : 7x2=14
- (a) Qualifications of a construction supervisor
 - (b) Bar bending Schedules
 - (c) Scaffolding
 - (d) Planking
 - (e) Formwork
 - (f) Plumbing
 - (g) Muster Rolls
2. (a) What are the responsibilities of a construction supervisor ? Explain. 7
- (b) What is the purpose of laying general conditions and special condition in a construction contract ? Explain. 7

3. (a) Explain the following : 7
(i) Interim Bills.
(ii) Final Bills.
- (b) What is a Progress Report of a Construction project ? Why such reports are necessary ? 3½
- (c) What is a POL Record ? Explain. 3½
4. (a) Explain about any two methods of deep excavation. 7
- (b) Explain the procedures of anti-termite treatment for : 7
(i) Foundation.
(ii) Junction of the wall and Floor.
5. Write short notes on the following : 4x3½=14
(a) Cement Mortar
(b) Test on Bricks
(c) Lime for Brickwork
(d) Types of Bricks.
6. (a) What are the different types of form work ? 7
Explain about any two of them.
- (b) How can you concret under water ? Give 7
procedure.

7. Write short notes on the following :

4x3½=14

- (a) Glazing
 - (b) Ceiling
 - (c) Testing of pipeline
 - (d) Pointing.
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