

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

**Term-End Examination**

**June, 2011**

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

*Time : 3 hours*

*Maximum Marks : 70*

*Note : Question number 1 is compulsory. Attempt Four more questions from question number 2 to 7. Use of calculator is permitted.*

*The answers shall be in your own language*

- 
- 
1. Explain in brief (3 - 5 lines) : **7x2=14**
- (a) Management levels of Typical construction site.
  - (b) Types of drawings
  - (c) Difference between administrative and Technical Sanctions.
  - (d) Site order Book
  - (e) Raft foundations
  - (f) Planking and strutting
  - (g) Means of Transport of concrete to site.
2. (a) Discuss various conditions that may be incorporated in a contract agreement. **7**
- (b) Explain various procedures that are adopted in making an estimation, in a construction project. **7**

3. (a) Explain about Materials receipts and issues. 7  
 Show a typical format for the same.
- (b) What is the need of anti termite treatment 7  
 for a building ? Discuss briefly.
4. (a) Discuss the following registers. 7  
 (i) Register for scrap Material  
 (ii) Register for construction equipment.
- (b) Explain the methods of reporting the 7  
 progress of work.
5. (a) What are pile foundations ? What data 7  
 should be recorded while pile is driven ?
- (b) Explain methods of filling of soil in 7  
 Trenches, plinth and floors.
6. (a) Explain various equipment used for Ready 7  
 mixed concrete.
- (b) Discuss about testing and quality control of 7  
 concrete.
7. Write short notes on *any FOUR* of the following :
- (a) Revision of Project Budgets 4x3½=14
- (b) Check list for Laying P.C.C.
- (c) Painting and glazing
- (d) Chlorination
- (e) Check list for Tile roofing
-