

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

**Term-End Examination**

**December, 2010**

**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.*

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1. Describe briefly : 2x7=14
- (a) What is the importance of engineering drawings?
  - (b) What are the uses of a specification ?
  - (c) What is a lump sum contract ?
  - (d) What is an M - Book ?
  - (e) What is under Pinning ?
  - (f) What do you understand by Quality Assurance ?
  - (g) What is RMC ?
2. (a) What are the duties of a Supervisor in a construction agency ? 7
- (b) What are different indirect Costs for a Project ? Explain briefly. 7

3. (a) Write a typical form of a Contract agreement. 7
- (b) What is a drawings register ? What is done to an old drawing if a revised drawing is released? 7
4. (a) How can you maintain a record of materials issued in a project ? 7
- (b) What are different methods of excavation ? Discuss briefly. 7
5. (a) What is the importance of antitermite treatment for a building? Describe one method of such a treatment. 7
- (b) Discuss various considerations in providing quality control for a Masonary Wall Construction. 7
6. (a) What is a bar bending schedule ? What is its utility ? 7
- (b) Discuss general steps of a purchase process. 7
7. Write short notes on any four of the following. **4x3½=14**
- (a) Filling
  - (b) Cement register
  - (c) Steel form work
  - (d) Under water concreting
  - (e) Progress of a project.
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