

M.E. Second Semester (Civil Engineering (Construction Engg. & Managt.)) (CGS)
13075 : Construction Quality Control & Management : 2 CM 04

P. Pages : 2

Time : Three Hours



AW - 3523

Max. Marks : 80

- Notes :
1. Answer **three** question from section "A" and **three** question from section "B"
 2. Due credit will be given to neatness and adequate dimensions.
 3. Assume suitable data wherever necessary.
 4. Illustrate your answer necessary with the help of neat sketches.

SECTION - A

1. a) What are various techniques of Quality control on construction site?
b) Discuss various aspects of Quality management in construction project?

OR

2. a) Discuss about Evolution of quality management in construction?
b) Explain necessity of "Total quality Management" in construction Industry?
3. a) Discuss the Quality system in structural Design of construction project?
b) What are the various Quality costs and measurements?
4. a) Discuss about Quality Assurance program for construction site?
b) Discuss various aspects of Quality plan for construction project?
5. a) What are the requirements of Quality Audit in construction works as per ISO 9000?
b) What are the objectives of Quality circle method and its organization structure?

OR

6. a) Explain about "Total Quality Management" in building design?
b) What are the major Aspects of Quality Audit in Construction?

SECTION - B

7. a) Explain various aspects of "Total Quality Management" for building maintenance?
b) Discuss about Item wise check list for Quality control?

OR

8. a) Explain Quality control Aspect for Mass Concreting Work?
b) Explain how Quality Improvement is achieved using modern material & machinery?

9. a) Explain requirement of PWD and BIS specifications for Quality checking?
b) What are the benefits of using Advance construction machinery to improve Quality in construction?

OR

10. a) Explain flow chart of quality assurance for controlling bituminous pavement quality?
b) Explain various tests for quality control in cement?
11. a) Explain Quality control of service lines, water supply and drainage?

OR

12. a) Explain how quality improvement is achieved through mechanization?
b) Explain Quality Assurance and quality control plan for construction contractors?
