



- 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 is significance of “Construction Quality management”?  
b) Discuss various Aspects of “Total Quality Control” for construction?

**OR**

2. a) What are the requirement of Quality systems in construction industry?  
b) Discuss the Quality system in Architectural planning & Design?
3. a) Discuss the practical aspect of Quality control on construction site?  
b) Discuss the role of Testing laboratory in quality control?

**OR**

4. a) What are the various Quality dimensions for earthwork for construction?  
b) Discuss various stages of Quality Audit for construction?
5. a) Discuss various quality circle methods for construction industry?  
b) What are the various Quality Dimensions of R.C.C work?

**OR**

6. a) Explain about various outlines of Quality Assurance Program?  
b) Explain Role of Quality circle for Quality construction?

**SECTION – B**

7. a) What are various aspects of Quality control for water supply systems?  
b) Discuss about Quality control for Road construction sector?

**OR**

8. a) Explain the concept of "Quality Control Plan".  
b) Explain significance of workmanship and site supervision for Quality Control?
9. a) Discuss about "Quality Plan" in building construction?  
b) Discuss about contractor's Quality control action plan?

**OR**

10. a) Explain various tests for quality control in cement?  
b) Explain Quality assurance for bituminous road construction?
11. a) Explain quality control circular for removal of framework in cold weather condition?  
b) What are the various templates for quality assurance?

**OR**

12. a) Explain quality control of sanitary installations?  
b) Explain provisions given by Quality assurance circular in CPWD?

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