



c09-c-603

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**BOARD DIPLOMA EXAMINATION, (C-09)
MARCH/APRIL—2017
DCE—SIXTH SEMESTER EXAMINATION**

CONSTRUCTION AND QUALITY MANAGEMENT

Time : 3 hours]

[Total Marks : 80

PART—A

3×10=30

Instructions : (1) Answer **all** questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

1. Define construction management. State any two objectives of it.
2. State any three objectives of planning.
3. State any four safety measures to be adopted in construction industry.
4. Define (a) contract and (b) contractor.
5. List any three recoveries to be made from bills to be paid to contractor.
6. State any six points to be observed in checking of bills.
7. State the requirements for licensed surveyor.
8. State any three roles of banks in small-scale industry development.

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9. State any three ^{*} benefits of TQM.
10. State any three tolerance levels in RCC work.

PART—B

10×5=50

Instructions : (1) Answer *any five* questions.

(2) Each question carries **ten** marks.

(3) Answers should be comprehensive and the criterion for valuation is the content but not the length of the answer.

11. Explain the organizational structure of PR department with chart. 10
12. Briefly explain various contract systems available in construction industry. 10
13. What is the information to be included in a tender document? 10
14. (a) Differentiate between permanent establishment and work charged establishment. 5
- (b) Define the terms (i) indent and (ii) invoice. 5
15. What is 'M' book? Explain any eight rules to be followed in recording the measurements. 2+8=10
16. List and explain the assistance programs available for small business enterprise from Central and State Governments. 10
17. Explain the terms (a) product identification and traceability in ISO 9001 and (b) process control in ISO 9001. 5+5=10
18. Explain the points to be considered in the inspection and examination of form work. 10
