3722

BOARD DIPLOMA EXAMINATION, (C–09)

OCT/NOV—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. State any three objectives of planning.

2. List any four engineering department of the Government.

3. Distinguish between construction stage and construction operation.

4. List any three documents to be attached to the signed tender.

5. Explain briefly about NMR.

6. State the reasons for imposing penalties to the contractor.

7. List out the services provided by interior decorator.

8. State the financial institutions that have came into existence after 1948 in India.

9. State any six benefits of TQM.

10. Write a short note on quality of filler materials.

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.

12. *(a)* Write the difference between CPM and PERT. 5

(b) State the safety measures at the construction industry. 5

13. *(a)* Explain the need for calling of tenders. 4

(b) State any six items to be mentioned in contract agreement. 6

14. What is 'M' book? Explain any eight rules to be followed in recording the measurements. 2+8

15. *(a)* What is a stock register and how it is maintained? 5

(b) State the common irregularities of muster roll. 5

16. Explain any five assistance programs for small business enterprise extended by Government.

17. Specify the outstanding features of ISO 9000 series of standards.

18. *(a)* Explain the relation between the strength of brick work and sterength of mortar. 5

(b) State the tolerances in RCC work. 5

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