C09-IT-**603**

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BOARD DIPLOMA EXAMINATION, (C–09)
MARCH/APRIL—2017
DIT—SIXTH SEMESTER EXAMINATION

SOFTWARE ENGINEERING

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 software and program.

2. Write about function point metric.

3. What is a risk in software development?

4. What is CPM?

5. What are the causes of bad SRS document?

6. State the classification of cohesiveness.

7. Write any three rules of user interface design.

* **8.** Define coupling.

9. What are the various coding standards?

10. Define testing.

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. *(a)* Explain software coding and its requirements.

(b) Explain about object-oriented design.

12. Write the responsibilities of a software project manager.

13. Explain about GANTT and PERT charts in detail.

14. What are the characteristics of good SRS document?

15. Explain beta and acceptance testings.

16. Explain the various user interface design models.

* **17.** Compare the various types of interface.

18. Explain in detail about ISO 9000.

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