



C09-IT-603A

3777

BOARD DIPLOMA EXAMINATION, (C-09)

OCT/NOV—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. List at least three software problems.

2. List at least three project estimation techniques.

3. What is risk containment?

4. What is the necessity of Software Configuration Management?

5. What are the basic issues addressed in SRS document?

6. What is meant by Traceability?

7. What is the objective of coding?

- * 8. List different types of Widget.
- 9. What is good software documentation?
- 10. Draw the reliability curves for Hardware and Software.

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 classical waterfall model.
- 12. Explain how to find the size of a software product using Function Point Metric.
- 13. Explain briefly about the job responsibilities of Software Project Manager.
- 14. Explain briefly about the different ways to gather requirements.
- 15. Explain briefly about White Box Testing and Black Box Testing.
- 16. What is meant by functional independency? Explain the benefits of functional independencies.
- * 17. Compare between function-oriented design and object-oriented design.
- 18. Explain briefly about ISO 9000 for software industry.
