



C09-IT-603

3775

BOARD DIPLOMA EXAMINATION, (C-09)
OCT/NOV—2014
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) Answer should be brief and straight to the point and shall not exceed *five* simple sentences.

1. What is the solution to the software crisis?
2. List the responsibilities of a software project manager.
3. What is an SPMP document?
4. Who can be considered as good software engineer?
5. What are the contents of the SRS document?
6. Briefly explain how to identify the functional requirements.
7. What is a good software design?
8. Differentiate between function-oriented design and object-oriented design.

* 9. Differentiate between verification and validation.

10. What is ISO 9000 certification?

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 about software life cycle models in detail.

12. Explain about metrics for project size estimation.

13. Explain about staffing level estimation in detail.

14. Explain about requirement analysis and specification.

15. Explain about user interface design.

16. Explain about software testing in detail.

* 17. Explain about debugging approaches.

18. Write about (a) software quality and (b) ISO 9001 requirements.
