



\* 3777 \*

C09-IT-603

**3777**

**BOARD DIPLOMA EXAMINATION, (C-09)**

**OCT/NOV—2016**

**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 emergence of software.
2. What is SPMP document?
3. What is Delphi cost estimation technique?
4. List the five major planning activities.
5. What causes bad SRS document?
6. Define coupling.
7. Give any three of various coding standards.

- \* 8. List the benefits of testing.
- 9. Define software reliability.
- 10. List the tools required during analysis.

**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 waterfall and prototyping life cycle models.
- 12. Explain risk management in software development.
- 13. Write the responsibilities of a project manager.
- 14. Write about debugging approaches and guidelines.
- 15. Write about requirement getting and analysis.
- 16. Write the characteristics for good user interface design.
- 17. Explain in detail about ISO 9001.
- 18. Write short notes on the following :

- (a) Unit testing
- (b) Integration testing

\*\*\*