C09–IT–**603**

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BOARD DIPLOMA EXAMINATION, (C–09)
MARCH/APRIL—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) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

1. What is software crisis?

2. What are the skills necessary for software project manager?

3. List at least three different methods of scheduling in software development.

4. What is RCS?

5. List at least four activities in requirement gathering.

6. List at least two examples of bad SRS document.

7. What is meant by cohesion?

8. What is function-oriented design?

9. What is integration testing?

10. What is SEI CMM?

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PART—B 10×5=50

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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 iterative waterfall model.

12. Explain lines of code in project estimation.

13. Explain risk management, risk identification and risk assessment.

14. Explain in detail SRS document.

15. Explain the classification of coupling.

16. Explain the characteristics of good user interface.

17. *(a)* What is the difference between verification and validation?

(b) List three debugging guidelines.

18. Explain in detail reliability metrics.

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