C09–CM–606 A

3739

BOARD DIPLOMA EXAMINATION, (C–09)
OCT/NOV—2017
DCME—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 the solution to software crisis?

2. What is risk containment?

3. What is SCCS?

4. List at least three factors considered in function point metric.

5. List common deficiencies which are found in SRS document.

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

7. What are the advantages of graphical interface?

8. Enumerate the list of errors checked during code inspection.

9. What are meant by cohesion and coupling?

10. What is ISO 9000 certification?

<div align="center">

PART—B 10×5=50

</div>

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 the following software life cycle models :

(a) Prototyping model

(b) Evolutionary model

12. Explain briefly about the job responsibilities of software project manger.

13. Explain briefly about expoert judgment technique.

14. Explain about bad SRS Document with suitable examples.

15. Explain briefly about coding guidelines.

16. Explain briefly about function-oriented design with suitable example.

17. Explain briefly about white-box testing and black-box testing.

18. Explain briefly about software quality.

<div align="center">

★ ★ ★

</div>