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C09-CM-606A

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BOARD DIPLOMA EXAMINATION, (C-09)
APRIL/MAY—2015
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. List any three features of high-level languages.

2. List at least three project estimation techniques.

3. What is UFP in function point metric?

4. What are the shortcomings of lines of code metric?

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

6. What is the need of requirement analysis phase?

7. What is meant by user interface?

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8. What is meant by coding?

9. What are the advantages of function-oriented design?

10. Define reliability growth model.

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 briefly about software configuration management.

13. Explain briefly about critical path method.

14. Explain how to document the functional requirements.

15. What is meant by functional independency? Explain the benefits of functional independencies.

16. Explain briefly about White box testing and Black box testing.

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17. Distinguish between verification and validation.

18. Explain the different levels of SEI Capability Maturity Model.

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