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Reg. No.....

Name.....

B.TECH. DEGREE EXAMINATION, MAY 2015

Sixth Semester

Branch : Computer Science and Engineering
CS 010 605—SOFTWARE ENGINEERING (CS)
(New Scheme—2010 Admission onwards)
(Regular/Improvement/Supplementary)

Time : Three Hours

Maximum : 100 Marks

Part A

*Answer all questions.
Each question carries 3 marks.*

1. Write a note on CASE Tools.
2. Describe PERT charts.
3. Explain Elaboration.
4. State Design objectives.
5. Write a note on Structured programming.

(5 × 3 = 15 marks)

Part B

*Answer all questions.
Each question carries 5 marks.*

6. Explain the RAD model.
7. Write a note on Software productivity.
8. Explain Elicitation and validation.
9. Explain Object Oriented Design.
10. Brief Basis path testing.

(5 × 5 = 25 marks)

Part C

*Answer all questions.
Each full question carries 12 marks.*

11. Explain the Waterfall model.

Or

Turn over

12. Write notes on : (i) Incremental Model ; (ii) Process Assessment.

13. Write notes on : (i) COCOMO ; (ii) Risk Management.

Or

14. Explain : (i) Gantt Charts ; (ii) Productivity metrics.

15. Explain in detail 'The Negotiating Requirements'.

Or

16. Explain :

(a) Developing Use cases.

(b) Analysis pattern.

17. Explain module structure and its representation.

Or

18. Explain case study with UML and CASE Tool support.

19. Write notes on :

(a) Black -Box Testing.

(b) Various levels of Testing.

Or

20. Discuss Testing Fundamentals and methods of Testing.

(5 × 12 = 60 marks)