

OCTOBER 2013

P/ID 17415/RBS

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) Explain about software characteristics.

Or

(b) Discuss briefly about the classification of software metrics.

2. (a) What is structured analysis? Explain.

Or

(b) Explain about the steps of the system analysis process.

3. (a) Write short note on real time system design.

Or

(b) Explain the importance of analysis and design.

4. (a) Discuss on software testing fundamentals.

Or

(b) Explain the software quality assurance activities.

5. (a) Explain about the characteristics of software maintenance.

Or

(b) Write short notes on I-CASE environments.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Explain in detail about the software engineering paradigm.

7. Explain in detail about computer system engineering.

8. Mention the objects orientation concepts in object oriented analysis. Explain them.

9. Explain in detail about Data-flow oriented design method.

10. Discuss about the fundamentals of programming language.

11. Explain about the different types of debugging techniques.
 12. Explain the tasks associated with software maintenance.
 13. What is CASE? Also describe the building blocks for CASE.
-