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Question Paper Code : 65083

5 Year M.Sc. DEGREE EXAMINATION, MAY/JUNE 2013.

Elective

Software Engineering

XCS 022/ 10677 SWE 22 – PERSONAL SOFTWARE PROCESS AND TEAM SOFTWARE PROCESS

(Common to 5 year M.Sc. Computer Technology/ and Information Technology)

(Regulation 2003/2010)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Define Process.

2. List the measures used by PSP.

3. What is a defect?

4. What is code review?

5. List the risks associated with the TSP process.

6. How is postmortem help in improving quality?

7. What is test defect review?

8. List the elements of effective team communication.

9. What are the activities of an implementation manager in TSP?

10. How are team priorities managed by a team manager?

PART B — (5 × 16 = 80 marks)

11. (a) How is time management done in PSP? Explain in detail.

Or

(b) Explain how are commitments and schedules managed in PSP?

12. (a) (i) How are defects identified in PSP? (8)

   (ii) List the activities in a code review checklist to find the defects in it. (8)

   Or

(b) How do PSP help in achieving process quality? Explain the steps involved in it.

13. (a) What are the types of TSP teams in TSP process? Explain any two of them detail.

   Or

(b) Write the guidelines for launching a team for a project.

14. (a) How are integration and system testing done in TSP? Explain in detail.

   Or

(b) How do TSP help in product implementation? List all the implementation standards followed in it.

15. (a) Write the roles of planning manager and quality manager in a TSP process.

   Or

(b) How are customers relationship maintained in TSP process through the roles of support manager and customer interface manager?

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