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**Question Paper Code : 45927**

5 Year M.Sc. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2014.

Fourth Semester

Software Engineering

XSE 241/10677 SW 402 — SOFTWARE ENGINEERING — II

(Regulation 2003/2010)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Define KPA.
2. Why is senior management involvement must in software process?
3. Which stand does Indian follow for software project development?
4. List the importance of WBS.
5. Distinguish between fault and failure.
6. What are the responsibilities of software engineering process group?
7. How is quality measure taken care at data gathering level?
8. How to estimate Quality?
9. Define optimization process.
10. What are the defect prevention measures?

PART B — (5 × 16 = 80 marks)

11. (a) Brief out the six basic Principles and discuss in detail each principle in software process.

Or

- (b) Why is software organization chaotic? How are chaotic Forces lead to failure in Software development?

12. (a) Explain about the initiation of Phase review system.

Or

(b) Discuss about different way of size measure for estimation of project with WBS.

13. (a) List out the seven types of software testing level and discuss about system test categories with acceptance and installation test.

Or

(b) What are the four key component of software configuration management? Discuss about Process control.

14. (a) How to validate data? Explain the data analysis in detail with Inspection control chart at various levels.

Or

(b) What are different classes of Quality measure? Discuss with different measurement criteria.

15. (a) How are errors caused in software development? What does the action team do to prevent from failure of software?

Or

(b) With neat figure discuss about defect prevention process.

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