

2217/A31

OCTOBER 2011

SOFTWARE ENGINEERING

Time : Three hours

Maximum : 100 marks

PART A — (6 × 5 = 30 marks)

Answer any **SIX** questions.

1. Explain about various project size categories.
2. Explain individual ability.
3. What are successive versions? Explain.
4. Write short note on Hierarchical team structure.
5. What do you mean by expert judgement?
6. Explain about PSL/PSA.
7. Explain modularity.
8. What is structured English?

9. What is system integration? Explain.
10. What is acceptance testing?

PART B — (4 × 10 = 40 marks)
Answer any FOUR questions.

11. How programmers spend their time in software development?
12. Explain about how to develop a solution strategy.
13. What are software requirement specification? Explain.
14. Explain about coupling and cohesion.
15. What are source code metrics?
16. Write short notes on enhancing maintainability.

PART C — (2 × 15 = 30 marks)
Answer any TWO questions.

17. Explain about quality and productivity factors.

18. (a) Explain about project structure in detail.

(b) What are state-oriented notations? Explain.

19. (a) Explain about milestones, walkthroughs and inspection.

(b) What are the managerial aspects of s/w maintenance cost?