

MAY 2015

**P/ID 16114/
KSA/PIEA**

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) How do you estimate the efforts required for each activities in software Engineering life cycle?

Or

- (b) Perform cost benefit analysis strategies for a newly developed project.

2. (a) Explain RAD model and compare with prototype.

Or

- (b) Is incremental delivery valid for software product? Justify.

3. (a) List various risks a software development has.

Or

- (b) State and explain the role of critical paths in resource allocation.

4. (a) Explain the terms of a contract and procedure for acceptance.

Or

- (b) Describe product versus process quality management.

5. (a) Write the behaviour of an organization and teams.

Or

- (b) State the contents of a typical project plan.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Describe the activities in SPM and the procedure for their Implementation.
7. Briefly review project evaluation strategies.
8. Explain waterfall, process and spiral models.
9. Describe FP and COCOMO models and their updations.
10. Explain the relationship between activity planning and schedules.

11. Discuss the resource allocation and their relationship with risks.
 12. Describe motivation, decision making and leadership qualities.
 13. Write short notes on :
 - (a) project plan for PRINCE-2
 - (b) SRS preparation.
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