

B3.1-R5 : SOFTWARE PROJECT MANAGEMENT

NOTE :

1. Answer question 1 and any FOUR from questions 2 to 7.
2. Parts of the same question should be answered together and in the same sequence.

Total Time : 3 Hours

Total Marks : 100

1. (a) What is the software and its characteristics ?
(b) What is Project Management Processes ?
(c) What is COCOMO model ?
(d) What is a Project Deliverable ?
(e) What is risk management ?
(f) Distinguish between direct and indirect measures of metrics.
(g) What is defect report ? (7x4)

2. (a) Explain Three-Point Estimation Technique.
(b) What is the Difference between Agile and Scrum ?
(c) Explain the advantages of a functional organization over project organization. (6+6+6)

3. (a) What is the difference between software process and software process model ?
(b) What are the advantages and disadvantages of using a defect tracking tool ? (9+9)

4. (a) Briefly explain the different phases of project management life cycle.
(b) What are the steps in Project Planning ?
(c) Explain in detail the steps in Project Planning. (6+6+6)

5. (a) Explain Burn down chart
(b) What is a WBS or Work Breakdown Structure ? (9+9)

6. (a) Write short note on Project Evaluation and Review Technique.
(b) Differentiate between CPM and PERT. (9+9)
7. (a) Write the Risk Mitigation Strategies in Project Management.
(b) Write short note on SEI capability maturity model. (9+9)

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