



B.Tech VI Semester Regular/Supplementary Examinations, June 2022

SOFTWARE PROJECT MANAGEMENT
(Information Technology)

Maximum Marks: 70

Date: 21.06.2022 Duration: 3 hours

- Note:
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit which carries 10M.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks

(10x2M=20 Marks)

- 1 Define software economics?
- 2 Write the elements of product process.
- 3 Explain Software Product size.
- 4 Define Peer Inspection?
- 5 Define Artifact sets?
- 6 List the phases of SDLC?
- 7 Explain how are workflows evaluated?
- 8 Define pragmatic planning.
- 9 Mention the important causes of project control in projects.
- 10 Define Process transitions.

Part-B

Answer All the following questions.

(10MX 5=50Marks)

- 11 A. Explain the conventional software management performance. (5)
B. Elaborate on Pragmatic software cost estimation. (5)
OR
- 12 A. Explain Waterfall Model of SDLC? (5)
B. Explain the evolution of software economics. (5)
- 13 A. Explain Team Effectiveness. (5)
B. How improving Automation supports principles of modern software management? (5)
OR
- 14 A. Explain in brief Improving software processes. (5)
B. Give examples of transitioning to an iterative process. (5)
- 15 A. Briefly explain the steps involved in artifacts management in project development. (5)
B. Elaborate on six stages of Life cycle phases. (5)
OR
- 16 A. Explain artifact sets. (5)

- B. Elaborate on Management and Technical perspective of Model based software architecture. (5)
- 17 A. Explain Controlling changes to a project requirement. (5)
B. Describe with an example how the effect of risk on project schedule is evaluated using Milestones. (5)
- OR
- 18 A. Explain the types of workflows with example. (5)
B. Outline the use of Gantt charts and timeline charts in visualizing project progress with suitable diagrams. (5)
- 19 A. Write short note on decision making. (5)
B. Explain The server care Metrics, Management indicators, and quality indicators. (5)
- OR
- 20 A. Discuss in detail about the organizational structures for Next generation Software economics. (5)
B. Explain the Case Study: The Command Center Processing and Display System. Replacement (CCPDS. R). (5)