

## Department of Computer Science & Engineering (Data Science)

### B. Tech, Mid Question Bank (R22 Regulation)

Academic Year: 2023-24

Semester: V

Subject Name: Software Project Management

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#### PART-A

MID-I Questions					
Q.No	Questions	Marks	BL	CO	Unit No
1	What is software project management?	2	1	1	1
2	What is a project?	2	1	1	1
3	What is planning?	2	1	1	1
4	How software projects different from other projects?	2	2	2	1
5	What is strategic planning?	2	1	2	1
6	What are the elements of planning approach?	2	2	1	1
7	What is project evolution?	2	1	1	2
8	What is technical assessment?	2	1	1	2
9	Write the goals of project management?	2	2	1	2
10	Name any two external dependencies.	2	1	1	2
11	What are development costs?	2	1	1	2
12	What are three kinds of interfaces?	2	1	1	2
13	What is meant by early risk resolution?	2	2	2	3
14	What is meant by software economics?	2	1	1	3
15	Explain cost estimation process?	2	1	2	3
MID-II Questions					
16	What are the primary objects of Transition phase?	2	2	1	3
17	How commercial components can reduce the software size.	2	1	1	3
18	What are the Major Milestones in SPM	2	1	2	3
19	Define Work Breakdown Structures?	2	2	1	4
20	List out some planning guides.	2	1	1	4
21	What is project cost with an example	2	1	1	4
22	Describe line of business organization	2	2	1	4
23	Explain iteration planning process	2	1	1	4
24	What are the responsibilities of the organization	2	1	1	4
25	Define domain experience?	2	1	1	5
26	What are the goals of software metrics?	2	2	2	5
27	What is SPCP?	2	1	1	5
28	List out some requirements in Process Discriminants	2	1	2	5
29	Describe Stakeholder cohesion?	2	2	1	5
30	Explain Architectural Risk?	2	1	1	5

## PART-B

<b>MID-II Questions</b>					
<b>Q.No</b>	<b>Questions</b>	<b>Marks</b>	<b>BL</b>	<b>CO</b>	<b>Unit No</b>
1	List different stages of project life cycle.	4	2	2	1
2	Elaborate project product and characteristics.	4	2	2	1
3	Write the steps about the overview of project planning.	4	2	1	1
4	How to identify activity risks and explain allocate resources?	4	2	1	1
5	Discuss the identifying project scope and objectives.	4	2	1	1
6	Explain project planning in detail.	4	2	2	1
7	What are the different types of software development methodologies?	8	3	2	1
8	Explain the concept of project scope in software project management. Why is it important and how is it defined?	8	3	2	1
9	Explain waterfall model.	8	3	2	1
10	Explain quality measures.	4	2	2	2
11	List the disadvantage of iterative process model.	4	2	2	2
12	Write about evolution of organizations.	4	2	1	2
13	Explain the principles of conventional software engineering.	4	2	2	2
14	Describe the phase of software project elaboration.	4	2	3	2
15	Explain about principles of modern software management.	4	3	3	2
16	Explain about the iteration planning process and pragmatic planning.	8	3	3	2
17	Discuss about software process assessment. And also discuss about CMM.	8	3	2	2
18	Explain about improving software process and improving term effectiveness.	8	3	3	2
19	Write brief notes on major milestones in software Process.	4	2	2	3
20	What is the role of software engineering process authority.	4	2	3	3
21	Justify the usage of software quality program.	4	2	2	3
<b>MID-II Questions</b>					
22	Compare planning emphasis in engineering stage and production stage.	4	2	3	3
23	What is an earned value system? Discuss the basic parameters of an earned valued system.	4	2	3	3
24	Discuss the core metrics used in managing a modern process.	4	3	2	3
25	Evaluate Work Break Down Structure with an example.	4	3	2	4
26	What are the important of Effective software Project Management?	4	3	3	4
27	Discuss with a situation about Automation Building Blocks.	4	2	2	4

28	Discuss what roles in Project Organizations are.	4	2	3	4
29	Describe fidelity in WBS over the life cycle.	4	2	2	4
30	What is Capability Maturity Model?	4	2	3	4
31	Explain in brief Role of Software Project Environment.	8	2	3	4
32	What is Evolution of Organizations in brief?	8	3	2	4
33	With an example write the primitive components of software change order	8	3	3	4
34	Explain Metrics Automation.	4	3	3	5
35	Discuss different between small & large scale projects.	4	3	2	5
36	What do Quality Indicators mean for?.	4	3	3	5
37	Implement an SPCP & Develop SPCP	4	2	2	5
38	Discuss MTBF & Maturity	4	2	3	5
39	What is process flexibility or rigor	4	2	2	5
40	Explain the Seven Core Metrics	8	2	3	5
41	Describe in detail Pragmatic software Metrics	8	2	3	5
42	Explain in detail Tailoring the Process	8	3	2	5