



SNS COLLEGE OF TECHNOLOGY
Kurumbapalayam (Po), Coimbatore – 641 035
An Autonomous Institution



Accredited by NAAC – UGC with 'A++' Grade
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

23IT0201 Software Testing

Unit IV: TEST MANAGEMENT

Part A – Two Mark Questions

PART A – (2 Marks / Basic Level)

No	Question	Bloom's Level	Industry Mapping
1	Define test planning.	Remember	Used in IT service companies (TCS, Infosys) for project initiation
2	List any two components of a test plan.	Remember	QA documentation in software firms
3	What is test management?	Understand	Agile project management in product companies
4	Who is a test	Remember	Role in QA teams (Wipro, Accenture)
5	Define test reporting.	Understand	Used in defect tracking tools (JIRA, Bugzilla)
6	What is a testing team structure?	Understand	Organizational design in QA departments
7	What are test items?	Remember	Used in automation frameworks
8	Mention two skills of a tester.	Remember	Hiring criteria in MNCs
9	What is test process?	Understand	Software lifecycle models

No	Question	Bloom's Level	Industry Mapping
10	Define test services.	Remember	Outsourcing QA services (Cognizant)

◆ PART B – (5 Marks / Intermediate Level)

No	Question	Bloom's Level	Industry Mapping
1	Explain the components of a test plan.	Understand	Project planning in Agile/Scrum teams
2	Describe the structure of a testing group.	Analyze	Organizational hierarchy in QA teams
3	Explain the role of a test specialist.	Apply	Real-world QA roles in product companies
4	Discuss test management activities.	Analyze	Used in tools like TestRail
5	Explain how test items are located.	Apply	Requirement traceability in SDLC
6	Describe reporting of test results.	Apply	Dashboard reporting in DevOps pipelines
7	Explain testing services in software companies.	Understand	Outsourced QA services
8	Discuss skills required for a tester.	Analyze	Recruitment & training programs
9	Explain the test process lifecycle.	Apply	Continuous Integration/Testing
10	Describe training programs for testing teams.	Understand	Corporate L&D programs

◆ PART C – (13 Marks / Advanced Level)

No	Question	Bloom's Level	Industry Mapping
1	Design a detailed test plan for a software project.	Create	Used in real-time project delivery
2	Analyze the organizational challenges in testing teams.	Analyze	Large-scale enterprise projects
3	Evaluate the effectiveness of test management practices.	Evaluate	QA maturity models (CMMI)
4	Compare different testing team structures.	Analyze	Startup vs enterprise QA teams
5	Develop a strategy for building a testing group.	Create	Company expansion planning
6	Evaluate the role of test specialists in Agile environments.	Evaluate	Scrum teams
7	Propose improvements to test reporting systems.	Create	DevOps dashboards
8	Analyze training needs for testers in modern technologies.	Analyze	AI/Automation testing
9	Design a test process for a real-time application.	Create	Banking/Healthcare software
10	Evaluate testing services in outsourcing companies.	Evaluate	IT service industry

PART D – 16 MARKS - Case Study / Industry-Oriented Questions

No	Question	Bloom's Level	Industry Mapping
1	A company faces delays due to poor test planning. Suggest improvements.	Evaluate	Project failure recovery
2	Design a testing team structure for a startup.	Create	Startup ecosystem
3	Analyze defects in a project and propose reporting improvements.	Analyze	QA analytics
4	Evaluate tester skill gaps in an organization.	Evaluate	HR & training
5	Develop a training program for new testers.	Create	Corporate onboarding