SNS COLLEGE OF TECHNOLOGY

Kurumbapalayam (Po), Coimbatore – 641 035
An Autonomous Institution
Accredited by NAAC – UGC with 'A++' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

23ITO201 Software Testing

Unit III: Introduction

Part A – Two Mark Questions

No	Question	Bloom Level	Industry Mapping
1	Why are levels of testing needed?	Remember	TCS, Infosys
2	Define Unit Testing.	Remember	Amazon, Microsoft
3	What is a Test Harness?	Understand	Flipkart, Google
4	Define Integration Testing.	Remember	Apple, Netflix
5	What is Scenario Testing?	Understand	Amazon / Meta
6	Define System Testing.	Remember	Microsoft, Infosys
7	What is Acceptance Testing?	Understand	Oracle, TCS
8	Define Regression Testing.	Remember	Google, Amazon
9	What is Internationalization Testing?	Understand	Netflix / Meta
10	What is Ad-hoc Testing?	Remember	Flipkart, Microsoft
11	Define Alpha and Beta Testing.	Remember	Amazon, Oracle
12	What is Usability Testing?	Understand	Apple, Meta
13	What is Accessibility Testing?	Understand	Google, Microsoft
14	Define Configuration Testing.	Remember	Infosys, Wipro

No	Question	Bloom Level	Industry Mapping
15	Define Compatibility Testing.	Remember	Amazon, Apple
16	What is Website Testing?	Remember	Netflix, Flipkart

Part B – 13 Mark Questions

No	Question	Bloom Level	Industry Mapping
1	A software team is developing a mobile app. Describe: • How unit testing is planned and designed. • How a test harness is used. • How results are recorded and analyzed.	Understand / Analyze	Infosys / Wipro
2	Explain the importance of **integration testing** in a multi-module project. Include: • Planning integration tests • Designing integration scenarios • Use of scenario testing for risk reduction	Apply	TCS / Amazon

Part C – 14 Mark Questions

No	Question	Bloom Level	Industry Mapping
1	A banking mobile application is being released in multiple countries. • Design a full test strategy including internationalization and localization testing. • Propose alpha/beta testing phases and ad-hoc testing scenarios. • Suggest website and mobile application compatibility testing. • Evaluate how configuration, performance, and regression testing will ensure release quality.	Analyze / Evaluate / Create	Infosys / TCS
2	A ride-sharing platform is releasing a major update with real-time route optimization. • Identify the levels of testing required. • Design a test plan covering unit, integration, system, and acceptance tests. • Suggest regression, performance, and compatibility test strategies. • Explain usability, accessibility, and documentation testing for driver and passenger apps.	Analyze / Evaluate / Create	Amazon / Flipkart

No	Question	Bloom Level	Industry Mapping
3	Online Exam Portal Crash on Simultaneous Logins a) Identify performance & reliability defects b) Suggest load/stress testing approach c) Propose CI/CD integration for automation	Analyze / Evaluate / Create	Byju's / Coursera