

PACKETPREP - SOFTWARE TESTING - SCHEDULE

Module: Manual Testing

Week	Day	Topic	Detailed Plan (1.5 hour)	Practice / Project Work (30mins)
W1	1	Introduction to software testing	<ul style="list-style-type: none"> - Software - Software Testing - Importance & Benefits - Career Prospects 	
	2	Testing types & Tester responsibilities	<ul style="list-style-type: none"> - Recap of Day 1 Cons - Manual Testing , Pros & Cons - Automation Testing, Pro Cons - Testers day to day responsibilities 	
	3	SDLC Phases & SDLC Models	<ul style="list-style-type: none"> - Recap of Day 2 - SDLC Phases - Waterfall model - Iterative model - Prototype model 	<ul style="list-style-type: none"> - Oral Test - 10 MCQ Questions
	4	SDLC – V model & Agile	<ul style="list-style-type: none"> - Recap of Day 3 - V & V model - Agile Model 	<ul style="list-style-type: none"> - Oral Test - 10 MCQ Questions
	5	Testing Levels	<ul style="list-style-type: none"> - Unit Testing - System Testing - Integration Testing - User Acceptance Testing 	<ul style="list-style-type: none"> - Oral Test - 10 MCQ Questions
		Assessment MT01 – (Aptitude, Verbal, Testing)		
W2	6	Testing Types	<ul style="list-style-type: none"> - Testing Types Diagram (Static, dynamic, functional, non-functional, Whitebox, Blackbox, grey box) 	<ul style="list-style-type: none"> - Oral Test - 10 MCQ Questions
	7	Testing Types	<ul style="list-style-type: none"> - Smoke, sanity, regression, retesting, performance, her usability, security and ot 	<ul style="list-style-type: none"> - Oral Test - 10 MCQ Questions
	8	Blackbox TTD – ECP, BVA, DT, STT, UCT	<ul style="list-style-type: none"> - Equivalence Partitioning - Boundary value analysis - Decision Table - State Transition - Use case technique 	<ul style="list-style-type: none"> - Oral Test - 10 MCQ Questions

	9	Experience TTD	<ul style="list-style-type: none"> - Error Guessing - Exploratory Testing - Checklist based Testing - Fault Attack Technique 	- Oral Test - 10 MCQ Questions
	10	Severity, priority Bug & Bug Lifecycle & Jira Tool	<ul style="list-style-type: none"> - Severity - Priority - Bug - Bug Life cycle - Jira Tool 	- Oral Test - 10 MCQ Questions
		Assessment MT02 - (Aptitude, Verbal, Testing)		
W3	11	STLC Phases	<ul style="list-style-type: none"> - Recap of Day 4 - Six Phases of STLC - Activities & Deliverables each phase of 	- Oral Test - 10 MCQ Questions
	12	Project Overview Test Plan	Opencart Application and documents <ul style="list-style-type: none"> - Test Requirement doc - Test Plan doc 	Create Opencart testplan document based on template
	13	Test Scenarios	Test Scenarios for <ul style="list-style-type: none"> - Login - Register - Add to Cart 	Write Test Scenarios for Forgot Password, Search a Product
	14	Test Cases & Execution	Test Cases for <ul style="list-style-type: none"> - Login - Register - Add to cart 	Write Testcases for Forgot Password, Search a Product
	15	Bug reporting & Test Closure & Recap	Bug Reporting & Closure Report	Create a Bug report document
		Full Test MT03 - (Aptitude, Verbal, Testing)		

Week	Day	Topic	Detailed Plan (1.5 hour)	Practice
W1	1	Introduction to Selenium	<ul style="list-style-type: none"> - Selenium - Installation - Basic program 	- Complete Installation
	2	Install Selenium Via Maven	<ul style="list-style-type: none"> - Install maven - Selenium program on MS Edge and Firefox 	1. Selenium program using Firefox web driver
	3	WebDriver	<ul style="list-style-type: none"> - Web Driver - Basic programs for printing the title 	1. Program to print the title of packet prep website
	4	Locators	<ul style="list-style-type: none"> - Id, classname, name, linkText, css Selector - Programs based on locators 	1. Oral questions on automation testing 2. Explore locators
	5	Locators	<ul style="list-style-type: none"> - Xpath - Absolute xpath - Relative Xpath - Programs based on xpath 	1. Programs
ASSESSMENT 01 – (APTITUDE, VERBAL, TESTING)				
W2	6	Form Elements	<ul style="list-style-type: none"> - Dropdown, Checkbox - Alert box 	Program to select check boxes
	7	Conditions	<ul style="list-style-type: none"> - isDisabled() - isEnabled() - isSelected() 	Explore isEnabled() and do a program based on it
	8	Practice Session	Practice	Revision and practice
	9	Popup Windows	<ul style="list-style-type: none"> - Popup windows - programs 	Practice given programs
	10	Java Script Executor	<ul style="list-style-type: none"> - Introduction 	Preparation for test

			- Go to 'The Hindu' and scroll to bottom and print	
ASSESSMENT 02				
W3	11	Frames and Waits	-Frames -Implicit Waits -Explicit Waits -Fluent Waits	- Revision of previous programs
	12	Junit	- Introduction and add library - Assertion, assertion classes - Programs on junit using assertion	- Program to login using invalid data - Program to file upload
	13	Programs	-Selenium program to file upload -Cookies and programs based on cookies	Program to login test in open cart
	14	Revision	-More Programs -Introduction to TestNG	Practice
	15	TestNG	-TestNG programs -TestNG Structure	Preparation for test
ASSESSMENT 03				
W 4	16	Types of development process	- Introduction - Behaviour driven development - Test driven development - Programs	Explore about popular testing frameworks
	17	Actions API	- Keyboard Actions API - Mouse Actions API	Decide teams and project presentations
DAY 18 - 21				
PRESENTATIONS				

