Foundation Course In Programming			
Manual Testing	<u>20</u>	Testing Automation	
Introduction and Need of Testing, Testing Types- Manual, Automation	1	JSON, PostMan for API Testing	2
Quality Analysis and Quality Control, SDLC	1	Performance Testing With JMeter, API Testing With JMeter	3
Waterfall, Prototype, Agile, V Model	1	Java Programming	20
Project Discussion - SchoolFee, BloodBank , (SRS, User wise, Module, Screen/Scenarios/Feature)	2	Introduction, Variables, Data Types, Operators, Type Conversion, If else, switch, For loop, nested for loop, while loop, do while, break, continue	5
Screen Development - 3	1	Arrays, 2D Array, Functions, with argument, with return type	4
Testing classification in detail - Black Box and White Box, Verification Vs. Validation	1	Introduction to OOP, Object , Class, Methods, Constructor, this, static, Object Array,	4
Revision and Testing Documentation overview	1	Inheritance - single, multilevel, hierarchical , Runtime Polymorphism, Method overriding, super	3
STLC Introduction and Test Case Development Using Excel Sheet , Login, SignUp, Search, Bus Booking	3	Abstract Class, Interface, multiple inheritance, Packages and Access Specifiers, Exception Handling, Collections- List, Map, Set	4
Positive vs. Negative Test Case, Priority Vs. Severity	1	Selenium Automation	
Test Design Techniques - Boundary Value Analysis, Equivalence Class Partitioning, Field Validation Table, Code Coverage, State Transition, Decision Table	5		
General Test Scenario	1		
WhiteBox Testing - Unit Testing and	1		
Black Box - Integration, System Testing Bug Reporting , LifeCycle and Test Summery	3		
Report	2	Project Management and Tools	
Agile Model Bug Reporting Jira	2	Software Development Life Cycle , Agile Model, Jira Software	
	2	JSON and POSTMAN, GitHub	
	2	Interview Question	
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