



GOVERNMENT POLYTECHNIC, MUMBAI  
Department of Information Technology

TEST : 1

Course Name: Software Testing and Quality Assurance  
Prog : Diploma in Information Technology

ODD TERM : 2024-25  
Course code: IT23203  
Marks : 20

Qu 1	Attempt the following	6 M
a)	Define Software Testing.	CO1/R
b)	Enlist any two role of testing.	CO1/R
c)	Define Quality control	CO1/U
Qu 2	Attempt the following	8 M
a)	Explain how inspections can be done in white box testing?	CO2/A
	OR	
a)	Explain boundary value analysis.	CO2/U
b)	Explain waterfall model of SDLC	CO1/U
	OR	
b)	Explain Entry and Exit criteria in software testing	CO1/U
Qu 3	Attempt any TWO out of the following	6 M
a)	Write 2 test cases to check login button in any login form.	CO1/A
b)	Explain walkthroughs in static testing	CO2/A
c)	Explain verification and validation in software testing.	CO1/U

CO NO	CO1	CO2	Level	R	U	A
Marks	20	11		4	17	10