



**GOVERNMENT POLYTECHNIC, MUMBAI**  
**Department of Information Technology**

**ODD TERM : 2024-25**

**Course code: IT23203**

**Marks : 20**

**TEST : 1**

**Course Name: Software Testing and Quality Assurance**

**Prog.: Diploma in Information Technology**

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

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