



CERTIFICATION PROGRAMME

Software Testing tools and Techniques

From

16th March - 02th June 2023

Convener: Mr. Abhay N Tripathi, Associate Professor, MIMT

For BCA IInd Semester

Resource Person

Mr. Krishan Kumar Assistant Professor, MIMT

www.mangalmay.net.in | Plot No. 8 & 9, Knowledge Park-II, Greater Noida, Delhi-NCR, India

Syllabus Software Testing tools and Techniques

Duration: 30 Hours

Module I:

Definition of Software Testing and its Role Terms: Failure, Error, Fault, Defect, Bug, Goals of Testing, Principles of Testing, Software Testing Life Cycle, Verification and Validation: V-testing Life cycle, Static and Dynamic Testing, Manual Testing, Automated Testing, Supported Technologies for Software Testing, Software Testing Certifications. Software Development Life Cycle, SDLC Models, Software Test Levels, Software Test Types, Software Test Design Techniques, Software Test Process / STLC, Software Quality Standards, Software Test Documents.

Module II:

Types of Testing:-Black Box Testing Overview: What is & When? Techniques, Boundary Value Analysis, Equivalence class testing o Decision Table, White Box Testing, Need of white box Testing, **Classification, Structural**: Coverage, Path, Static: Inspection, Walkthrough, Technical Review, Level of Testing:- Unit Testing integration Testing, Techniques: Graph based, & Path based Functional Testing, System Testing, Categories: Reliability Security Performance Recovery, Acceptance Testing: Overview, Types of Acceptance Testing.

Module III:

Software Testing Tools:- Functional Testing using Selenium, Performance Testing, Functional Testing using UFT, Test Management using JIRA, Defect Management using HP ALM tool, Regression Testing, Functional Testing using Test Complete, API Testing, Database Testing, ETL Testing.

TEXT BOOK/S:

Software Testing: Principles and Practice by SrinivasanDesikan, GopalaswamyRamesh,Pearson. Software Testing: Principles and Practice by NareshChauhan,Oxford.

REFERENCE BOOK/S:

Software Testing: Easy Learning Approach by ShubhaAgarwalKundlas.

WEB RESOURCES:

https://www.guru99.com > software-testing-introduction-importance





Schedule

Duration:30hours				
Session	Content	Time	Date	
1.	Discussion about the subject syllabus and learning outcome	03:00-04:30	16/03/2023	
2.	Failure, Error, Fault, Defect, Bug, Goals of Testing	03:00-04:30	17/03/2023	
3.	Principles of Testing, Software Testing Life Cycle	03:00-04:30	23/03/2023	
4.	Verification and Validation :- V-testing Life cycle, Static and Dynamic Testing,	03:00-04:30	24/03/2023	
5.	Software Test Levels, Software Test Types	03:00-04:30	31/03/2023	
6.	Software Test Design Techniques, Software Test Process / STLC	03:00-04:30	13/04/2023	
7.	Software Quality Standards, Software Test Documents.	03:00-04:30	20/04/2023	
8.	Revision of Module 1	03:00-04:30	21/04/2023	
9.	Black Box Testing, What is & When?	03:00-04:30	27/04/2023	
10.	Boundary Value Analysis, Equivalence class testing Decision Table	03:00-04:30	28/04/2023	
11.	White Box Testing, Need of white box Testing	03:00-04:30	04/05/2023	
12.	Coverage, Path, Static, Inspection, Walkthrough, Technical Review	03:00-04:30	05/05/2023	
13.	Level of Testing:- Unit Testing integration Testing, Techniques	03:00-04:30	18/05/2023	
14.	Functional Testing, System Testing	03:00-04:30	19/05/2023	
15.	Categories: Reliability Security Performance Recovery	03:30-05:00	25/05/2023	
16.	Functional Testing using Selenium, Performance Testing	03:00-04:30	26/05/2023	
17.	Functional Testing using UFT	03:00-04:30	30/05/2023	
18.	Test Management using JIRA, Defect Management using HP ALM tool	03:00-04:30	31/05/2023	
19.	Regression Testing, Functional Testing using Test Complete	03:00-04:30	01/06/2023	
20.	API Testing, Database Testing, ETL Testing	03:00-04:30	02/06/2023	





	Report		
NameofActivity	NameofActivity Software Testing tools and Techniques		
Date	16 th March2023 to02 nd June2023		
Venue	BCAClassroom		
Organizedby	ComputerApplicationDepartment		
ResourcePerson	Mr. Krishan Kumar, AssistantProfessor,MIMT		
Beneficiaries	BCA2ndSemester(105 students)		
Convener	Mr. Abhay N Tripathi, Associate Professor, MIMT		
Objective	Thecourseisdesignedto learn how to planning a test project, design test cases and data, conduct testing operations, manage software problems and defects, generate a testing report and other skillslike: • Finding defects which may get created by the programmer while developing the software. • Gaining confidence in and providing information about the level of quality • To make sure that the end result meets the business and user requirements		
Content	WiththeinitiativeofIQAC,MangalmayInstituteofManagementandTechno logyorganizedaddoncertificationcourseon"Software testing tools and techniques". The course enabled the students toacquire knowledge ofSoftware Testing. Day1:Thesessionstarted withthediscussionaboutthesubjectsyllabusandlearningoutcome. Day2:Thesessionstartedwiththe difference between Failure, Error, Fault, Defect, and Bug. Day3: Inthissession explain Principles of Testing and Software Testing Life Cycle Day4: in this session differentiate Verification and Validation. Day5:Inthissession, describe Software Test Levels and Software Test Types. Day6:Thissessionwas focusedon Software Test Design Techniques Day7:In this session, the resource persons discussed the Software Test Documents. Day 8: Revisionofmodule 1takesplace. Day9: Inthissession,resourcepersondiscussedabout theBlack Box Testing. Day 10: Inthissession,resourceperson in lighting on Boundary Value Analysis and Equivalence class testing Decision Table. Day11:Inthissession,resourcepersondiscussedabout theWhite Box Testing and explain what is the need of white box Testing. Day 12: Inthissession,resourcepersonexplain Coverage, Path, Static, Inspection and Walkthrough. Day13: Inthissession resource person discussedbytheresourceperson. Day14:Inthissession resource person discussed on Functional Testing and System Testing.		





	Day15: Inthissession the resource person discuss Categories: Reliability			
	Security and Performance Recovery.			
	Day16:Theresourceperson hands on using Selenium tool, to explain automation testing.			
	Day17:TheresourcepersontaughtaboutFunctional Testing using UFT			
	Day18:Inthissession resource person give hand on and explain how tool			
	work for Test Management using JIRA.			
	Day19:Thesessionwasabout theRegression Testing.			
	Day20:Inthissession resource person discuss on API Testing, Database			
	Testing.			
Outcome	Understand and describe the basic concepts of functional (black)			
ofActivity	box) software testing.			
	 Understand the basic application of techniques used to identify 			
	useful ideas for tests.			
	Characterize a good bug report, peer-review the reports of your			
	colleagues, and improve your own report writing.			





ResourcePersonProfile

Name: Mr Krishna Kumar, Assistant ProfessorOrganization:MIMT

Core Skills: Data Security, Software testing

Qualification: MCA, M. Tech

Experience:18 years

ResearchArea:Regression Testing



CERTIFICATE OF COURSE COMPLETION

This is to certified the AAKASH CHAUHAN student of BCA (Batch: 2022-25) has successfully completed 30 Hours course on "Software Testing tools and Techniques" from 16-March-2023 to 02-June-2023

PRINCIPAL

Mangalmay Institute of Management & Technology CONVENER Mangalmay Institute of Management Technology

The time completed

a.)

Mangalmay Institute of Management Technology Greater Noida (U.P.)



Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Software Testing Tools & Techniques

Date: 08/06/2023

Roll No:

Name: Aakarl Chauhan

Year/Sem; I/II

Invigilator's Sign: o 'Negative

ote: All questions are compulsory. Each larking	i question will carry '1' mark and there is no
1) Which of the following is not part of the	e Test document?
a.) Test Case	b.) Requirements Traceability Matrix [RTM]
c.) Test strategy	d.) Project Initiation Note [PIN]
2) Which of the following is not a valid pha	ase of SDLC (Software Development Life Cycle)?
a.) Testing Phase	b.) Requirement Phase
c.) Deployment phase	d.) Testing closure
3) Which of the following testing is also kn	nown as white-box testing?
a. Structural testing	b.) Error guessing technique
c.) Design based testing	d.) None of the above
4) Which of the following testing is related	to the boundary value analysis?
a.) White box and black box testing	b.) White-box testing
Black box testing	d.) None of the above
5) What are the different levels of Testing?	
a.) Integration testing	b.) Unit testing
c.) System testing	All of the above
6) In which environment we can performed	the Alpha testing?
a.) User's end	b.) Developer's end
c.) User's and developer's end	d.) None of the above
7) - What is the key objective of Integration	testing?
a.) Design Errors	b.) Interface Errors (\lambda
c.) Procedure Errors	d.) None of the mentioned
8) What is the best time to perform Regress	sion testing?
a.) After the software has been modifi	ed b.) As frequently as possible
c.) When the environment has been	d) Both option a & c
modified	
9) In which environment we can perform the	ne Beta testing?
a.) User's and developer's end	b.) Developer's end $\left(\begin{array}{c} \downarrow \end{array} \right)$
c.) User's end	d.) None of the above
10) When we have to stop the testing?	
a.) The faults have been fixed	b.) All the tests run

The risk is resolved

11)	Which term is used to define testing?	
	a.) Evaluating deliverable to find errors	b.) Finding broken code
	c.) A stage of all projects	d.) None of the above
12)	Which of the following testing is also known a	as white-box testing?
	2) Structural testing	b.) Error guessing technique
	c.) Design based testing	d.) None of the above
13)	Functional testing is a?	
	a.) Test design technique	b) Test level
	c.) SDLC Model	d.) Test type
14)	Sanity testing is a?	
	a.) Test type	by Test Execution Level
	c.) Test Level	d.) Test design technique
15)	In which environment we can performed the	Alpha testing?
	a.) User's end	b.) Developer's end
	c.) User's and developer's end	d.) None of the above
	For Departi	mental use only
	Max. Marks: 15	Marks Obtained:
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	Name of Evaluator:	Sign.
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Course:	$D \cap A$	
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ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Software Testing Tools & Techniques

Date: 08 06 2023

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	a.)	Testing Phase	b.)	Requirement Phase
	c.)	Deployment phase	ed)	Testing closure
3	Whi	ch of the following testing is also know	n as v	white-box testing?
	a)	Structural testing	b.)	Error guessing technique
	c.)	Design based testing	d.)	None of the above
4) Wh	ich of the following testing is related to	the b	oundary value analysis?
	a.)	White box and black box testing	b.)	White-box testing
	c.)	Black box testing	d.)	None of the above
5) Wha	at are the different levels of Testing?		
	a.)	Integration testing	b.)	Unit testing ()
	c.)	System testing	ut.)	All of the above
6)	In w	hich environment we can performed the	Alpl	ha testing?
	a.)	User's end	b.)	Developer's end
	c.)	User's and developer's end	d.)	None of the above
7	- Wi	nat is the key objective of Integration te	sting?	
	a.)	Design Errors	b,)	Interface Errors
	c.)	Procedure Errors	d.)	None of the mentioned
8)	Wha	t is the best time to perform Regression	testi	ng?
	a.)	After the software has been modified	b.)	As frequently as possible
	c.)	When the environment has been	(d.)	Both option a & c
		modified		
9)	in w	hich environment we can perform the B	eta te	esting?

User's and developer's end

b.) Developer's end

User's end

d.) None of the above



10) When we have to stop the testing?

The faults have been fixed

b.) All the tests run

The time completed

The risk is resolved



11)	Which term is used to define testing?	
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	c.) SDLC Model	d.) Test type
14)	Sanity testing is a?	
	a.) Test type	b.) Test Execution Level
	c.) Test Level	d.) Test design technique
15)	In which environment we can performed the A	lpha testing?
	a.) User's end	b Developer's end
	c.) User's and developer's end	d.) None of the above
	For Departm	nental use only
	Max. Marks: 15	Marks Obtained: 12
	Name of Evaluator:	Sign.
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Course: BCA

ADD-ON COURSE QUIZ

Course Name: Software Testing Tools & Techniques

Time: 30 Min

Date: 00/06/2023

Roll No:

a.)

c.)

The faults have been fixed

The time completed

Name: Aman Juman

Year/Sem: I/II

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

arki	ing'	questions are companied; Euch qu		
1)	Whi	ich of the following is not part of the Te	st do	cument?
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2) \	Whi	ch of the following is not a valid phase of	ofSD	LC (Software Development Life Cycle)?
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c	c.)	Deployment phase	到	Testing closure
3) \	Whic	ch of the following testing is also known	ı as v	vhite-box testing?
a	a.)	structural testing	b.)	Error guessing technique
С	c.)	Design based testing	d.)	None of the above
4)	Whi	ich of the following testing is related to	the b	oundary value analysis?
a	ı.)	White box and black box testing	b.)	White-box testing
С	:.) V	Black box testing	d.)	None of the above
5) V	Wha	t are the different levels of Testing?		
a	ı.)	Integration testing	b.)	Unit testing
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6) I	n wl	hich environment we can performed the	Alpl	na testing?
a	ı.)	User's end	b.)	Developer's end
C	:.)	User's and developer's end	d.)	None of the above
7) -	Wh	at is the key objective of Integration tes	ting?	
a	ı.)	Design Errors	be)	Interface Errors
c	:.)	Procedure Errors	d.)	None of the mentioned
8) V	What	t is the best time to perform Regression	testir	ng?
a	.)	After the software has been modified	b.)	As frequently as possible
С	.)	When the environment has been	q.)	Both option a & c
		modified		
9) li	n wh	nich environment we can perform the Be	eta te	sting?
a.	.) _	User's and developer's end	b.)	Developer's end
V	1	User's end	d.)	None of the above
10) V	Vher	n we have to stop the testing?		

All the tests run

d.) The risk is resolve

11)	Which term is used to define testing?	
	a.) Evaluating deliverable to find errors	b. Finding broken code
	c.) A stage of all projects	d.) None of the above
12)	Which of the following testing is also known as	white-box testing?
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	a.) Test design technique	by Test level
	c.) SDLC Model	d.) Test type
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	c.) Test Level	d.) Test design technique
15)	In which environment we can performed the A	lpha testing?
	a.) User's end	by Developer's end
	c.) User's and developer's end	d.) None of the above
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	For Departm	ental use only
	Max. Marks: 15	Marks Obtained:
	Name of Evaluator:	Sign.
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Deployment phase

Mangalmay Institute of Management Technology Greater Noida (U.P.)



Course:	BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Software Testing Tools & Techniques

Date: 08 (06/2023

Roll No:

Gaway Name:

Year/Sem: I/II

Invigilator's Sign: Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

d. Testing closure

Developer's end

1) Wh	ich of the following is not part of the T	Fest document?
a.)	Test Case	b.) Requirements Traceability Matrix [RTM]
c.)	Test strategy	Project Initiation Note [PIN]
2) Whi	ch of the following is not a valid phase	e of SDLC (Software Development Life Cycle)?
	Testing Phase	b.) Requirement Phase

- 3) Which of the following testing is also known as white-box testing?
 - b.) Error guessing technique Structural testing d.) None of the above Design based testing
- 4) Which of the following testing is related to the boundary value analysis?
- b.) White-box testing White box and black box testing d.) None of the above Black box testing
- 5) What are the different levels of Testing? Integration testing b.) Unit testing
 - d. All of the above System testing c.)
- 6) In which environment we can performed the Alpha testing?
 - User's end a.) d.) None of the above User's and developer's end
- 7) What is the key objective of Integration testing? b.) Interface Errors Design Errors d.) Mone of the mentioned c.) Procedure Errors
- 8) What is the best time to perform Regression testing?
 - b.) As frequently as possible After the software has been modified d.) Both option a & c When the environment has been c.) modified
- 9) In which environment we can perform the Beta testing?
- User's and developer's end b.) Developer's end d.) None of the above c.) User's end 10) When we have to stop the testing?
 - The faults have been fixed b.) All the tests run The time completed The risk is resolve

11)	Whi	ch term is used to define testing?	
	a.)	Evaluating deliverable to find errors	b.) Finding broken code
	c.)	A stage of all projects	d.) None of the above
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	a.)	Structural testing	b.) Error guessing technique
	c.)	Design based testing	d) None of the above
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	a.)	User's end	b.) Developer's end
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		Max. Marks: 15	Marks Obtained:
		Name of Evaluator:	Sign.
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Testing Phase

Mangalmay Institute of Management Technology Greater Noida (U.P.)



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L.OU	rse:	BUA	

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Software Testing Tools & Techniques

Date: 08/06/2023

Roll No:

a.)

Name: Karan

Year/Sgm: I/II

Invigilator's Sign:

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

b.) Requirement Phase

1) Which of the following is not part of the Test document?					
a.)	Test Case		b.) Requirements Traceability Matrix [RTM]		
c.)	Test strategy		Project Initiation Note [PIN]		
2) Which of the following is not a valid phase of SDLC (Software Development Life Cycle)?					

- d.) Testing closure Deployment phase 3) Which of the following testing is also known as white-box testing?
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- 4) Which of the following testing is related to the boundary value analysis?
- b.) White-box testing White box and black box testing a.) d.) None of the above c. Black box testing
- 5) What are the different levels of Testing?
 - b.) Unit testing Integration testing d.) All of the above System testing
- 6) In which environment we can performed the Alpha testing?
 - b.) Developer's end d.) None of the above User's and developer's end
- 7) What is the key objective of Integration testing?
 - b.) Interface Errors **Design Errors** a.) None of the mentioned c.) Procedure Errors
- 8) What is the best time to perform Regression testing?
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- b.) Developer's end User's and developer's end a.) d.) None of the above User's end c.) 10) When we have to stop the testing?
 - a.) The faults have been fixed b.) All the tests run
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		For Departn	nental use only
		Max. Marks: 15	Marks Obtained:
		Name of Evaluator:	Sign.
		1 Com land	[98m]



10) When we have to stop the testing?

The time completed

a.)

The faults have been fixed

Mangalmay Institute of Management Technology Greater Nolda (U.P.)



Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Software Testing Tools & Techniques

Date: 08/ 06/2023

Roll No:

Name: Mamta

Year/Sem: I/II

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				Invigilator's Sign:
	: All king'	questions are compulsory. Each of	juesti	on will carry '1' mark and there is no
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	a.)	User's end	(b.)	Developer's end
	c.)	User's and developer's end	d	None of the above
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	a.)	User's and developer's end	b.)	Developer's end
	c.)	User's end	d.)	None of the above

b.) All the tests run

d.) The risk is resolved

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	Max. Marks: 15	Marks Obtained:
	Name of Evaluator:	Sign.
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Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Software Testing Tools & Techniques

Date: 08/06/2023

Roll No:

Name:

Nikita

Year/Sem: I/II

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

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1)	1) Which of the following is not part of the Test document?				
	a.)	Test Case	b.)	Requirements Traceability Matrix [RTM]	
	c.)	Test strategy	d.)	Project Initiation Note [PIN]	
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	c.)	Deployment phase	d.)	Testing closure	
3)	Whi	ch of the following testing is also known	n as v	vhite-box testing?	
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	a.)	Integration testing	b.)	Unit testing	
	c.	System testing	d.)	All of the above	
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	c.)	User's and developer's end	d.)	None of the above	
7)	- Wh	nat is the key objective of Integration tes	ting?		
	a.)	Design Errors	b.)	Interface Errors	
	c.)	Procedure Errors	d.)	None of the mentioned	
8)	Wha	t is the best time to perform Regression	testir	ng?	
	a.)	After the software has been modified	b.) -	As frequently as possible /	
	c.)	When the environment has been	d.)	Both option a & c	
		modified			
9)	ln wl	hich environment we can perform the B	eta te	sting?	
	a.)	User's and developer's end	b.)	Developer's end	
	c.)	User's end	d.)	None of the above	
10)	When	n we have to stop the testing?			

b. All the tests run

d.) The risk is resolved

The faults have been fixed

The time completed

	2.)	Evaluating deliverable to find errors	Finding broken code
	c.)	A stage of all projects	d.) None of the above
12)	Whi	ch of the following testing is also known as	s white-box testing?
	a.)	Structural testing	b.) Error guessing technique
	c.)	Design based testing	d None of the above
13)	Func	ctional testing is a?	
	a.)	Test design technique	b) Test level
	c.)	SDLC Model	d.) Test type
14)	Sani	ty testing is a?	
	a.)	Test type	b Test Execution Level
	c.)	Test Level	d.) Test design technique
15)	In v	which environment we can performed the A	alpha testing?
	a.)	User's end	by Developer's end
	c.)	User's and developer's end	d.) None of the above
		For Departm	nental use only
		Max. Marks: 15	Marks Obtained:
		Name of Evaluator:	Sign.
		Johns lang	(8h)

11) Which term is used to define testing?



The time completed

c.)

Mangalmay Institute of Management Technology Greater Nolda (U.P.)



Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min Course Name: Software Testing Tools & Techniques

Date: 08/06/2023

Roll No:

Rajan Single

Ygar/Sem: 1/11

ative No M

			Invigilator's Sign:
ote: All		uesti	on will carry '1' mark and there is no 'Neg
1) Wh	ich of the following is not part of the To	est do	cument?
a.)	Test Case	b.)	Requirements Traceability Matrix [RTM]
c.)	Test strategy	d)	Project Initiation Note [PIN]
2) Whi	ch of the following is not a valid phase		DLC (Software Development Life Cycle)?
a.)	Testing Phase		Requirement Phase
c.)	Deployment phase	d.)	Testing closure
3) Whi	ch of the following testing is also know	n as v	white-box testing?
p)	Structural testing	b.)	Error guessing technique
c.)	Design based testing	d.)	None of the above
4) Wh	ich of the following testing is related to	the b	oundary value analysis?
a.)	White box and black box testing	b.)	White-box testing
(c.)	Black box testing	d.)	None of the above
5) Wha	at are the different levels of Testing?		
a.)	Integration testing	b.)	Unit testing
108	System testing	d.)	All of the above
6) In w	hich environment we can performed the	Alp	ha testing?
e)	User's end	b.)	Developer's end
c.)	User's and developer's end	d.)	None of the above
7) - WI	hat is the key objective of Integration te	sting	
a.)	Design Errors	b.	Interface Errors
c.)	Procedure Errors	d.)	None of the mentioned
8) Wha	at is the best time to perform Regression	testi	ng?
a.)	After the software has been modified	b.)	As frequently as possible
c.)	When the environment has been	ربل	Both option a & c
	modified		
9) In w	hich environment we can perform the E	Beta to	esting?
a.)	User's and developer's end	b.)	Developer's end
VC.)	User's end	d.)	None of the above
10)Whe	n we have to stop the testing?		
a.)	The faults have been fixed	6)	All the tests run

d.) The risk is resolve

11)	Whi	ch term is used to define testing?	
	a.)	Evaluating deliverable to find errors	(b) Finding broken code
	e.)	A stage of all projects	d.) None of the above
12)	Whi	ch of the following testing is also known a	s white-box testing?
	a.)	Structural testing	b.) Error guessing technique
	c.)	Design based testing	M.) None of the above
13)	Fund	ctional testing is a?	
	a.)	Test design technique	p.) Test level
	c.)	SDLC Model	d.) Test type
14)	Sani	ity testing is a?	
	a.)	Test type	h.) Test Execution Level
	c.)	Test Level	d.) Test design technique
15)	In v	which environment we can performed the A	Alpha testing?
	a.)	User's end	b.) Developer's end
	c.)	User's and developer's end	d.) None of the above
		For Departn	nental use only
		Max. Marks: 15	Marks Obtained:
		Name of Evaluator:	Sign.
		Johns Timer	LSh
			nute



Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Software Testing Tools & Techniques

Date: 00/06/2023

Roll No:

Name:

Shivam

Year/Sem: [1]

Invigilator's Sign: Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

· · · · · · · · · · · · · · · · · · ·	
1) Which of the following	is not part of the Test document?

Test Case

b.) Requirements Traceability Matrix [RT]

C.) Test strategy Project Initiation Note [PIN]

2) Which of the following is not a valid phase of SDLC (Software Development Life Cycle):

Testing Phase

b.) Requirement Phase

Deployment phase c.)

Testing closure

3) Which of the following testing is also known as white-box testing?

Structural testing

b.) Error guessing technique

Design based testing

d.) None of the above

4) Which of the following testing is related to the boundary value analysis?

White box and black box testing

b.) White-box testing

c.) Black box testing

d.) None of the above



5) What are the different levels of Testing?

Integration testing

b.) Unit testing

System testing. c.)

d.) All of the above



6) In which environment we can performed the Alpha testing?

a.) User's end by Developer's end

User's and developer's end

d.) None of the above



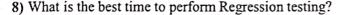
7) - What is the key objective of Integration testing?

Design Errors

b.) Interface Errors

Procedure Errors c.)

d.) None of the mentione



After the software has been modified

b.) As frequently as possible

c.) When the environment has been ,d,) Both option a & c

modified

9) In which environment we can perform the Beta testing?

User's and developer's end

b.) Developer's end



User's end

d.) None of the above

10) When we have to stop the testing?

The faults have been fixed

b.) All the tests run

c.) The time completed

d.) The risk is resolved



11)	Whi	ch term is used to define testing?	
	a.)	livaluating deliverable to find errors	by Finding broken code
	e.)	A stage of all projects	d.) None of the above
(2)	Whi	ch of the following testing is also known a	, t
	a.)	Structural testing	b.) Error guessing technique
	e.)	Design based testing	None of the above
(3)	Func	ctional testing is a ******?	
	a.)	Test design technique	d.) Test type
	e.)	SDLC Model	d.) Test type
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	a.)	Test type	(b.) Test Execution Level
	(c.)	Test Level	d.) Test design technique
15)	ln w	which environment we can performed the A	Alpha testing?
	a.)	User's end	(V.) Developer's end
	c.)	User's and developer's end	d.) None of the above
		For Departi	mental use only
		Max. Marks: 15	Marks Obtained: 3
		Name of Evaluator:	Sign.
		Schraftmor.	180