

TYBScIT Sem VI Subject : Quality Assurance

Sample Questions For Self Practice

sr no	Question	Option _a	Option _b	Option _c	Option _d
1	If a product has no/less defects and works exactly as expected within the budget is called?	conformance to requirements	fitness for use	good quality product	low budget product
2	Development of right product in first go with no/minimum defects is called ?	fitness for use	conformance to	market research	Success of project
3	Complete the phrase : - People do not buy products , they buy	Service	quality products	Benefits	Brand
4	Gap between customer expectation and what is delivered to him leads to ?	project failure	low feedback	customer dissatisfaction	loss of money
5	Which can be external or internal to the organization who provide input to the project making.?	Team leader	trainers	customers	Suppliers
6	Named the cycle which stands for continual improvement in work process.	QFD	SDLC	Spiral	PDCA
7	What depends on the perception of the customer/user.	Feedback	Return on investment	Quality	survey
8	Who provides ability to provide desired results and avoid undesired things going to the customer.	Quality control	managements skills	communication skills	customer survey
9	_____should focus on improving present skills and acquiring new skills.	Organisation	Team leader	Team Manager	Training
10	Which Numerical goals should not become the definition of ?	profit	loss	achievements	gap
11	How Software is in nature?	virtual	flexible	tangible	modifiable
12	Improvement in quality directly leads to improvement in ?	productivity	profit	customer satisfaction	ROI
13	Who are accidental and unplanned in nature?	development	inventions	testing	innovation
14	Changes in small steps is called as ?	quality improvement	improvement cycle	innovation	breakthrough
15	Requirements which are specifically documented in SRS is called as?	specific requirements	general requirements	implied requirements	present requirements
16	Quality culture 'Q' focuses on ?	continual improvement	inspection	rework	testing
17	Which model is a collection of many sub systems.	RAD	iterative	incremental	v model

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18	In the following model, integration is a major issue.	v model	incremental	prototype	waterfall
19	The following model works in multiple iterations.	spiral	iterative	incremental	v model
20	The following model helps in understanding the requirements before creating actual software.	v model	incremental	prototype	iterative
21	Which of the following is not included in failure costs?	rework	repair	failure mode analysis	none of the mentioned
22	Which of the following is not included in External failure costs?	Testing	help line support	warranty work	complaint resolution
23	Which of the following is not an appraisal cost in SQA?	inter-process inspection	maintenance	quality planning	testing
24	What is prevention cost?	The cost arises from	The cost arises from	The cost arises from	The cost arises from effort
25	Which of the following defect attribute denotes the order in which defects need to be fixed?	Severity	Priority	Intensity	Complexity
26	What do you understand by V&V in software testing?	Verified Version	Version Validation	Verification and Validation	Version Verification
27	Identify the disadvantage of Spiral Model.	Doesn't work well	High amount of	Strong approval and	Additional Functionality cost
28	Which two models doesn't allow defining requirements early in the cycle?	Waterfall & RAD	Prototyping & Spiral	Prototyping & RAD	Waterfall & Spiral
29	Agile Software Development is based on	Incremental Development	Iterative Development	Linear Development	Both Incremental and Iterative
30	Which of the following does not apply to agility to a software process?	Uses incremental	Only essential work	Eliminate the use of	It is based on iterative model
31	Which of the following is not a software testing generic characteristics?	Different testing techniques	Testing is conducted	Testing and debugging	None of the mentioned
32	Test cases should uncover errors like	Nonexistent loop	Comparison of data	Incorrect logical operations	All of the mentioned
33	In which testing level the focus is on customer usage?	Alpha Testing	Beta Testing	Validation Testing	both alpha and beta
34	What is the goal of the requirements analysis and specifications phase of software development?	understanding the	Analyzing the customer	Determine scope of	designing model

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35	Software tester focuses more on complex part of the software. Which of the following tes	Testing shows pre	Pesticide paradd	Testing is context d	Defect Clustering
36	Maintenance testing is performed using which methodology?	Retesting	Sanity testing	Breadth test and de	Confirmation testing
37	Following are fundamental test processes arranged randomly. What will be the logical sequ	5,4,2,1,3	5,2,3,4,1	5,4,2,3,1	5,2,4,3,1
38	Exit criteria is determined during	Planning and Cont	Implementation	Evaluating exit crite	Analysis and Design
39	What is pesticide paradox?	If the same tests a	A small number	Testing can show th	Finding and fixing defects
40	When testing principles are useful?	During testing	During executio	During review	Throughout life-cycle
41	A city field in software accepts 3 to 25 alpha characters only. Using Boundary Value Analys	2, 3, 25, 26	1, 3, 25, 27	2, 3, 25, 27	1, 3, 25, 27
42	Which are the independent considerations that apply to input domain testing ?	validity of inputs	Validity of output	Number of faults	Errors
43	On which the Robust Boundary Value Testing forces attention ?	Exception Handling	Error	Input	Output
44	On which assumption Strong Normal Equivalence Class testing is based ,which states that	single	multiple	double	random
45	Named the testing which is a hybrid of boundary value analysis and equivalence class	Edge	robust Equivalen	robust Boundary Valu	Special Value
46	Nmaed a Decision tables in which all the conditions are binary ?	Extended	Limited	Single	Several
47	Named the approach which is a systematic approach where the different input	Cause Effect Graph	Program Graph	Equivalence Class	Decision Table
48	Which coverage is executed on the program, when every node in the program Graph is	Edge	Chain	Program	Node
49	Named the coverage when given a set of test cases for a program constitute and	Edge Coverage	Path Coverage	Chain Coverage	Node Coverage
50	Mention the name which slices S(v,n) refer to statement fragments that contribute to the	Forward	Backward	Upward	Downward
51	List the elements used in DD-path graph to represent DD-paths of its program graph, and	path,nodes	nodes,edges	edges,graph	nodes,graph

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52	In which method all the nodes are traversed in program graph ?	graph coverage	Edge coverage	Node coverage	path coverage
53	Which is type of coverage for exercising a set of rules such that each condition is evaluated to both true and false?	Decision coverage	condition coverage	Statement coverage	path coverage
54	Statement and branch coverage metrics are part of	Analysis Model	Design Model	Testing	Source Code
55	State another name to Statement coverage	Line coverage	Path coverage	Code coverage	Decision coverage
56	A city field in software accepts 3 to 25 alpha characters only. Using Boundary Value Analysis	2, 3, 25, 26	1, 3, 25, 27	2, 3, 25, 27	1, 3, 25, 27
57	Which are the independent considerations that apply to input domain testing ?	validity of inputs	Validity of outputs	Number of faults	Errors
58	Strongly typed languages would include the following where (states open boundary and [c	(a,b)	[a,b]	(a,b)	[a,b)
59	What is the another name of Weak Normal Equivalence Class ?	single fault assumption	fault assumption	multiple fault assumption	assumption
60	Real-time Boundary value problem does not include following	temperature	pressure	air	commission problem
61	This is the person who prepares the artifact for inspection	Scribe	Moderator	Author	Reviewer
62	One of the following is not a characteristic of nice domain	orthogonal	complete	linear	inconsistent
63	Which testing involves testing of software with software environmental factors like database , operating system , where the application is supposed to work ?	Interface testing	Integration testing	System Testing	Unit Testing
64	Name the testing that involves testing of many units by combining them together to form a module or sub module.	Interface testing	Integration testing	System Testing	Unit Testing
65	Namwd matrix starts with the requirements as stated in the requirement specification and goes forward upto test results.	Traceability	Testing	Specification	Execution
66	What will be carried out through the inspection of requirement specification?	requirement Verification	Design Verification	Design Validation	Requirement Validation.
67	Which model describes verification and validation activities associated with software development during the entire lifecycle?	RAD Model	Incremental	VV Model	Validation Model
68	The project team along with architects and designers may walk through the design to find the completeness and give comments, if any this process is called as	Design Validation	Design Verification	Design Implementation	Prioritisation

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69	Who is responsible for defining test strategies in testing?	Test Lead	Project Manager	Test Manager	Moderator
70	With which testing Design phase testing is associated which covers design specification as well as structural testing?	Unit	interface	integration	acceptance.
71	Which testing is an onsite acceptance test?	Beta	Gamma	Alpha	Unit
72	Which testing is also known as field testing?	Beta	Gamma	Alpha	Unit
73	What is an offsite acceptance test?	Alpha	Gamma	Beta	Unit
74	Which Testing is carried out at clients site by the end users or the stake holders of the product?	Beta	Gamma	Alpha	Unit
75	Which Testing is carried out at the end of software deveopment process and before handing over the software to clients?	Beta	Gamma	Alpha	Unit
76	Find which of the following are the types of acceptance testing.	Alpha Testing	Beta Testing	Both Alpha and Beta Testing	Unit testing
77	Which model explains the validation activities associated with different phases of software development.	Verification	VV	Waterfall	validation
78	Program level designs are associated with _____ testing.	Unit	Componant	Integration	Acceptance
79	the testing done to find whher the application is alive or not and also finds whether the user can work with it or not.	Interface testing	Integration testi	System Testing	Smoke Testing
80	Which testing is done when the developemnt organisation wishes to check that the uninstallation is clean or not ?	Updation testing	Installation testi	Pre-requisite testin	Unstallation testing
81	Who is the final user group or people who are actually sponsoring the project ?	Developers	Managers	Customers	Testers
82	Which team includes test managers, test leads and testers as per the scope of testing?	Development	Analysis	Testing	Maintainance
83	Which is a technique used for constructing the program structure while at the same time carrying out tests to uncover errors related with interfacing?	Integration Testing	Interface Testing	System Testing	Unit Testing
84	Who is not involved in System Testing ?	Developers	Designer	User	Testers
85	The type of testing which is done after development is over it is called as	Big-bang testing	Sandwich testin	Unit testing	system testing

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86	The test which is performed at debugger mode is	Unit testing	system testing	Big-bang testing	Sandwich testing
87	Graphical User Testing is also known as	UI testing	UX testing	UML testing	UMI testing
88	Which testing refers to testing the software on multiple configurations to check behaviours	System testing	compatibility testi	V testing	Integration testing
89	Testing process of which is more parallel to multiplatform testing ?	ationalization syste	overall system	rnationalization sys	live system
90	Which testing is intended to check the level of security and protection.	Security testing	performance testi	operatability testing	system testing
91	Which of the following is software metric that provides a quantitative measure of the logic	yclomatic Complex	stress complexity	Function Point	Complexity testing
92	In a flow graph, node that contains a condition and is characterized by two or more edges	Parent node	Two Edge node	Predicate node	Computational Node
93	Which testing involves basic functionality testing of software to ensure application is runn	regression testing	Grey box testing	Smoke testing	Sanity testing
94	Which testing is done to check major behaviour and functionality of application?	Sanity testing	Smoke testing	Security testing	Recovery testing
95	When different combination of input requires different combination of actions,Which of t	oundary Value Analy	ivalence Partiti	Decision Table	Decision Coverage
96	Which of the following Use Cases are useful?	erformance Testin	usiness Scenario	Static Testing	Unit Testing
97	Which testing has to be completed before integration testing can be done?	Stress testing	Functional testing	Unit testing	Load testing
98	Which is a type of testing that determines the stability and robustness of the system?	Adhoc testing	Stress testing	performance testing	system testing
99	What is Cyclomatic complexity?	Black box testing	White box testing	Yellow box testing	Green box testing
100	Which testing is a type of software testing that is performed to check whether the system	Monkey testing	Adhoc testing	rror handling testin	Execution tesing