

Program: BE Information Technology

Curriculum Scheme: Revised 2012

Examination: Final Year Semester VIII

Course Code:BEITC8046 and Course Name: Software Testing & Quality Assurance

Time: 1 hour

Max. Marks: 50

QUESTION NO	QUESTION	Option A:	Option B:	Option C:	Option D:
Q1.	The types of testing used as integration testing in Web application is/are	component and navigation testing	content testing	usuality testing	state testing
Q2.	_____ features must be tested first in feature-based testing	Create	Predicate	Destroy	Modifiers
Q3.	The _____ Quality factor of McCall is defined as extent to which a program can be expected to perform its intended function with required precision	Testability	Integrity	Reliability	Repeatable
Q4	A program reads three numbers, A, B, and C, within the range [1, 50] and prints the largest number. How many number of test cases can be designed by using Boundary Value Checking method?	11	12	13	14
Q5	In what type of testing either all untested modules are combined together and then tested or unit tested method, modules are combined together?	Incremental Integration Testing	Top town integration	Non-Incremental Integration Testing	Bottom up integration
Q6	All software features and combinations of features are to be tested in which components of test plan	Test Plan Identifier components	Introduction components	Approach components	Features to be tested components
Q7	attribute which showcase the accuracy and repeatability of the test automatiior	Flexibility	Maintainability	Reliability	Portability
Q8.	We are not able to create TestDirector projects in	Microsoft Access	Oracle	Sybase	Word
Q9.	Quality of test plan is the attributes of	Size category metrics	Quality category metrics	Cost category metrics	Progress category metrics
Q10.	which priority test suite must be executed test cases	Priority 1	Priority 2	Priority 3	Priority 4

Q11.	Which entity is not considered in software measurement?	Processes	Resource	Internal attributes	Development
Q12.	Which of the following is not Long-term Goal	Reliability	Reduced maintenance cost	Quality	Customer satisfaction
Q13.	A program reads an integer number within the range [1,100] and determines whether it is a prime number or not. How many number of test cases can be designed by using Boundary Value Checking?	5	4	3	6
Q14.	typographical error or misaligned printout. Are examples of	Critical Bugs	Major Bug	Medium Bugs	Minor Bugs
Q15.	Coupling and Cohesion is explained by	Software Requirement Specification	Cause-Effect Graph	Structure Graph	Dependency Matrix
Q16.	The process to ensure that the right product is built is	Verification	Testing	Implementation	Validation
Q17.	Static and Dynamic testing is	Testing Strategy	Testing Tactics	Testing Techniques	Testing Tools
Q18.	Which is not a factor for measuring the attributes of software testing?	Time and phase in the software testing lifecycle	New business needs	Ultimate goal of the project	Development
Q19.	The IBM RFT supports the MS windows and	Mac OS	IOS	Chrome OS	Linux
Q20.	A use-case is a	an actor	scenario	testcase	test suite
Q21.	What is the traditional order in which software testing is organized?	Function testing, integration testing, system testing, acceptance testing, Unit testing	Unit testing, integration testing, Function testing, system testing, acceptance testing	Unit testing, integration testing, system testing, Function testing, acceptance testing	Unit testing, integration testing, Function testing, acceptance testing, system testing
Q22.	For 'n' variables how many test cases can be designed using Robustness Testing method?	$6n+1$	$4n+1$	$6n-1$	$4n+\log(n+1)$
Q23.	Which of the following sentence is not true in case of Unit Testing?	It decreases the software development speed	It can't be expected to catch every error in a program	In this tester evaluates if individual units of source code are fit for use	It is usually conducted by the development team.
Q24.	The area covered by automation can be used by different types of users	Robustness	Usability	Portability	Efficiency
Q25.	$DRE = \left(\frac{\text{_____}}{\text{No of Problems arrived during the month}} \right) * 100$	PUM	Defect Density during the month	Defect arrived during the month	Defect removed during the month