

B.C.A. DEGREE EXAMINATION – NOVEMBER 2010
FIFTH SEMESTER

REG. NO. : _____

COURSE : MAJOR CORE
PAPER : SOFTWARE TESTING
TIME : 20 MINUTES

MAX. MARKS: 20

SECTION – A

(20X1=20)

I. Choose the correct answer:

1. Testing involves only the ----- component of the plan-do-check-act (PDCA) Cycle.
a. Check b. Test c. Defect d. None of these
2. ----- is the party or department that contracts for the software to be developed
a. Software developer b. Software customer c. Software user d. all of these
3. ----- represents the status of your testing competencies versus those specified in the CSTE CBOOK.
a. Work bench b. Check procedure c. footprint d. none of the above
4. ----- is the probability that undesirable events will occur.
a. Controls b. Defect c. Test d. Risk
5. ----- encompasses those activities that occur prior to placing the application system in an operational status.
a. Pre-implementation testing b. Post-implementation testing
c. Implementation testing d. none of the above.
6. ----- predominantly use verification techniques.
a. Unit testing b. Structural test c. Functional test d. none of the above
7. The ----- is an integral part of the testing process
a. Test case b. Test plan c. Test team d. none of the above.
8. The objective of a ----- is to describe all testing that is to be accomplished, together with the resources and schedule necessary for completion.
a. Test case b. Test team c. Test cycle d. Test plan.
9. The ----- should be used when the checklist item is not applicable to the test situation
a. N/A column b. A/N column c. N/S column d. none of the above
10. The test transaction is to validate the -----
a. Hardware system b. Software system c. Management system d. none of the above.

II. Fill in the blanks:

11. Workbench means -----.
12. People have often unintentionally introduce incorrect data into the -----
13. ----- testing is designed to determine if the system can function when subject to large volumes.
14. ----- must verify that the system can perform correctly over a continuous period of time.
15. The inputs required to complete the verification testing during each phase of development: requirements, design, and -----.

III. Write True or False

16. The role of testing is to fulfill the check responsibilities assigned to the testers.
17. Walkthrough and risk matrix are effect test tools for the requirements phase.
18. Strategic plans are converted into business initiatives.
19. A method of ensuring that the data used by the program has been properly defined, and that the defined data is properly used is called data flow analysis.
20. Testing occurs after the system goes into operation and is normally considered part of systems maintenance is called pre implementation testing.

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 600 086
(For Candidates admitted during the academic year 2008-09)

SUBJECT CODE: CS/MC/ST54

B.C.A. DEGREE EXAMINATION – NOVEMBER 2010
FIFTH SEMESTER

COURSE : MAJOR CORE
PAPER : SOFTWARE TESTING
TIME : 2 HOURS & 40 MINUTES

MAX. MARKS: 80

SECTION – B

(8X5=40)

Answer any eight questions:

1. Explain the four components of testing.
2. Write short notes on data problems.
3. Explain cost of computer testing.
4. Explain Recovery testing.
5. Explain Input and Do procedures of test plan.
6. Write short notes on Requirements testing.
7. Explain record test results.
8. Write short notes on test results data.
9. Explain concerns in acceptance testing.
10. Write short notes on measuring software test effectiveness.

SECTION – C

(4X10=40)

Answer any four questions:

11. Explain define a World-Class Software Testing Model in detail.
12. Explain test factors in detail.
13. Explain the Eleven step software testing process.
14. Explain about building the test plan.
15. Explain in detail about the tasks in design phase testing.
16. Explain about Do procedures in execute tests in detail.
