

Seat No. : _____

JA-101

July-2021

BCA., Sem.-VI

CC-307 : Software Testing

Time : 2 Hours]

[Max. Marks : 50

- Instructions :**
- (1) All Questions in **Section – I** carry equal marks.
 - (2) Attempt any **TWO** questions in **Section-I**.
 - (3) Question – **V** in **Section – II** is **COMPULSORY**.

Section – I

1. (A) Explain software testing life cycle in detail. **10**
(B) What is software testing? Explain about evolution, the myths and facts of it. **10**
2. (A) Briefly discuss the pros and cons of Inspections and Walkthroughs. **10**
(B) Explore black box testing techniques in detail. Explain any one with example. **10**
3. (A) Explore Acceptance Testing techniques with its types in detail. **10**
(B) Explain Unit Testing technique with example in detail. **10**
4. (A) Explain Test Planning in detail. **10**
(B) Explain Test Reporting with its type. **10**

Section – II

5. Perform following : **10**
 - (1) Fault is synonymous with the word _____.
 - (a) Failure
 - (b) Defect
 - (c) Error
 - (d) All of the above

- (2) In the early stages of SDLC, testing comprises more _____ activities and towards the later stages, the emphasis is on the _____ activities.
- (a) verification, validation (b) validation, verification
(c) integration, coding (d) None
- (3) Two types of interface modules which must be simulated, if required, to test the module are _____.
- (a) unit and integration (b) simulators and emulators
(c) stubs and drivers (d) None of the above
- (4) The nodes from which the control is transferred are called _____.
- (a) sink nodes (b) source nodes
(c) message (d) None of the above
- (5) Testing is a _____ process.
- (a) Intuitive (b) Random
(c) Planned (d) None of the above
- (6) Which of the following is/are component of a decision table ?
- (a) Condition stub (b) Condition entry
(c) Action stub (d) All
- (7) A node with more than one arrow entering it is called a _____.
- (a) junction node (b) decision node
(c) region (d) All of the above
- (8) Customer satisfaction and risk management are _____ goals of software testing.
- (a) Long-term (b) Short-term
(c) Post-implementation (d) All
- (9) Testing is the process of _____ errors.
- (a) Hiding (b) Finding
(c) Removing (d) None
- (10) The _____ criteria specify when a test cycle can be completed.
- (a) Entry (b) Exit
(c) All (d) None
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