



23SI-BCAP-MI-02-02001

Seat No. _____

BACHELOR OF COMPUTER APPLICATION Examination
 BCA Semester - 2 JUNE 2024 (NEP) JUNE - 2024
 CS-10: SAD, SOFTWARE QUALITY ASSURANCE & TESTING
 Faculty Code : 003
 Subject Code : 23SI-BCAP-MI-02-02001

Time : 2 Hours]

[Total Marks : 50

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|---------|--|---|
| Q.1 (A) | 1. Full form of RAD.
2. Data Dictionary is modified by _____.
3. Full form of JAD. | 3 |
| Q.1 (B) | What is Decision Trees? | 2 |
| Q.1 (C) | Give Difference between QA and Quality Control.
OR | 5 |
| Q.1 (A) | 1. Quality review is performed by _____.
2. Full form of AQ.
3. Full form of DSS. | 3 |
| Q.1 (B) | What is Software? | 2 |
| Q.1 (C) | Explain DFD with Symbols. | 5 |
| Q.2 (A) | 1. Testing can be done on Software Modules. (True / False)
2. The testing technique does not check internal logic is _____.
3. Structural Testing include Parallel. (True / False) | 3 |
| Q.2 (B) | What is Test Script? | 2 |
| Q.2 (C) | Write a note on Non-functional Testing.
OR | 5 |
| Q.2 (A) | 1. It is always possible to deliver 100% bug free software. (True / False)
2. Full form of LOC.
3. Data correctness means _____. | 3 |
| Q.2 (B) | What is Test Plan? | 2 |
| Q.2 (C) | Explain Black box testing with its advantages and disadvantages. | 5 |
| Q.3 (A) | 1. Full form of VLP
2. Microsoft Excel File Format used in Data Table. (True / False)
3. In case of incremental model, the first increment is usually_____. | 3 |
| Q.3 (B) | What is Spiral Model? | 2 |
| Q.3 (C) | Write note on V Model.
OR | 5 |
| Q.3 (A) | 1. Full form of TLP | 3 |

2. Mozilla software is sharware. (True / False)
3. When Object Oriented Technologies are used, which model is best?
- Q.3 (B) What is FreeWare? 2
- Q.3 (C) Write Note: Waterfall Model. 5
- Q.4 (A) 1. Full form of BCWS. 3
 2. The task set is collection of _____.
 3. Decomposition Covers _____.
- Q.4 (B) What is Project Tracking? 2
- Q.4 (C) Write a note on Decomposition Techniques. 5
 OR
- Q.4 (A) 1. Full form of WBS. 3
 2. Heuristic Techniques uses _____.
 3. Time Allocation is not of the guiding principles of software project scheduling. (True / False)
- Q.4 (B) What is Project Scheduling? 2
- Q.4 (C) Write a note on Automated Estimation Tools. 5
- Q.5 (A) 1. _____ is the blue print of an object. 3
 2. Abstraction represents the behavior of a real word entity. (True / False)
 3. What is an extension of Visio Drawing file?
- Q.5 (B) What is Use Case Diagram? 2
- Q.5 (C) Write note on Class Diagram. 5
 OR
- Q.5 (A) 1. In MS Project, the critical path is _____. 3
 2. Full form of DCC.
 3. Class Name is not included in UML diagram. (True / False)
- Q.5 (B) What is MS-VISIO? 2
- Q.5 (C) Write note on Object Oriented Concepts : Encapsulation and Inheritance. 5