

B.C.A Semester - 3 (CBCS) Examination**Nov/Dec. -2021 (OLD COURSE)****CS-13 SAD SOFTWARE QUALITY ASSURANCE AND TESTING (CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Q.1(A) Answer followings: (04)
1. Full form of QA.
 2. What is system?
 3. What is Information System?
 4. What is Business System?
- Q.1(B) Answer the following: (Any One) (02)
1. Explain the term Quality Assurance?
 2. Explain Role of System Analyst in detail.
- Q.1(C) Answer the following: (Any One) (03)
1. Define the Term: Decision Table
 2. Define the Term: Decision Tree
- Q.1(D) Answer the following: (Any One) (05)
1. Explain term Software Engineering.
 2. Explain SDLC with all steps in detail.
- Q.2(A) Answer followings: (04)
1. What do you mean by Fault?
 2. _____ is a process to find out errors and try to correct it.
 3. What is the meaning of Defect?
 4. In _____ technique of testing Internal Knowledge is required.
- Q.2(B) Answer the following: (Any One) (02)
1. Explain Performance & Stress testing.
 2. Explain Grey Box Testing.
- Q.2(C) Answer the following: (Any One) (03)
1. Explain Bug and Error in detail.
 2. Explain Black Box Testing.
- Q.2(D) Answer the following: (Any One) (05)
1. Explain testing Artifacts in detail.
 2. Explain test levels in detail.
- Q.3(A) Answer followings: (04)
1. In which model we cannot go back or go to the previous step?
 2. Andrew Fugleman is giving _____ concept in to the market.
 3. _____ model is use to develop Universe type of software.
 4. Full form of QTP.
- Q.3(B) Answer the following: (Any One) (02)
1. Explain the term Licensed Tools.
 2. Explain the term Shareware.
- Q.3(C) Answer the following: (Any One) (03)
1. Explain Win runner in detail.
 2. Explain Load Runner in detail.

- Q.3(D) Answer the following: (Any One) (05)
1. Explain Prototyping model in detail.
 2. Explain Iterative model in detail.
- Q.4(A) Answer followings: (04)
1. What is meaning of Pessimistic time?
 2. Full form of CPM is _____.
 3. What is Optimistic time?
 4. Full form of PERT is _____.
- Q.4(B) Answer the following: (Any One) (02)
1. Explain WBS in detail.
 2. Explain the term Project Management.
- Q.4(C) Answer the following: (Any One) (03)
1. Explain Decomposition technique.
 2. Explain Effort Estimation Techniques in detail.
- Q.4(D) Answer the following: (Any One) (05)
1. Explain PERT chart in detail.
 2. Explain Empirical Project Estimation technique in detail.
- Q.5(A) Answer followings: (04)
1. Full form of VSS is_____.
 2. Visio is the word was actually comes from_____.
 3. Full form of UML is_____.
 4. Full form of CAD is_____.
- Q.5(B) Answer the following: (Any One) (02)
1. Give the definition of UML.
 2. Explain Use Case Diagram with example.
- Q.5 (C) Answer the following: (Any One) (03)
1. Explain Interaction Diagram.
 2. Explain Activity Diagram.
- Q.5(D) Answer the following: (Any One) (05)
1. Explain the Goals of UML in detail.
 2. Write a note on MS-VISIO.
