

P.G.D.C.A Semester - 2 (CBCS) Examination**April/May-2023 [OLD COURSE]****SAD, Software Quality Assurance & 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] Attempt following questions. [4]
1. Components of the system are known as subsystem. (True / False)
 2. Preliminary Investigation is a first step in SDLC. (True / False)
 3. DFD stands for _____.
 4. DFD shows relation between data and _____.
- Q:1 [B] Attempt following. (Attempt Any One) [2]
1. What is System?
 2. What is Subsystem?
- Q:1 [C] Attempt following. (Attempt Any One) [3]
1. Write note on Decision Tree.
 2. Explain System Designer Role of System Analyst.
- Q:1 [D] Attempt following. (Attempt Any One) [5]
1. Explain Record review and Questionnaire in detail.
 2. Write note on DFD.
- Q:2 [A] Attempt following questions. [4]
1. What is Bug?
 2. What is error?
 3. What is Test case?
 4. Load Testing is non-functional testing. (True/False)
- Q:2 [B] Attempt following. (Attempt Any One) [2]
1. What is Test Script?
 2. What is Informal Review?
- Q:2 [C] Attempt following. (Attempt Any One) [3]
1. Explain Graybox testing.
 2. Explain Unit Testing and Integration Testing in brief.
- Q:2 [D] Attempt following. (Attempt Any One) [5]
1. Explain Dynamic Testing in detail.
 2. Explain Black Box Testing in detail.
- Q:3 [A] Attempt following questions. [4]
1. _____ is a last phase of Waterfall Model.
 2. What is Freeware?
 3. _____ Model is also known as Verification and Validation model.
 4. QTP stands for _____.
- Q:3 [B] Attempt following. (Attempt Any One) [2]
1. What is Shareware?
 2. Explain Relational Suite in brief.

- Q:3 [C] Attempt following. (Attempt Any One) [3]
1. Explain Big Bang Model in detail.
2. Explain Win runner and Load runner.
- Q:3 [D] Attempt following. (Attempt Any One) [5]
1. Explain Waterfall Model in detail.
2. Explain V-Model in detail.
- Q:4 [A] Attempt following questions. [4]
1. SLIM stands for _____.
2. CPM stands for _____.
3. PERT stands for _____.
4. COCOMO stands for _____.
- Q:4 [B] Attempt following. (Attempt Any One) [2]
1. What is Decomposition?
2. What is Project Management?
- Q:4 [C] Attempt following. (Attempt Any One) [3]
1. Explain Task network in brief.
2. Explain Effort estimation techniques.
- Q:4 [D] Attempt following. (Attempt Any One) [5]
1. Explain Automated Estimation tools in detail.
2. Explain PERT chart in detail.
- Q:5 [A] Attempt following questions. [4]
1. VISIO is a product of _____.
2. QC stands for _____.
3. UML stands for _____.
4. CAD stands for _____.
- Q:5 [B] Attempt following. (Attempt Any One) [2]
1. Explain QA in brief.
2. Explain QC in brief.
- Q:5 [C] Attempt following. (Attempt Any One) [3]
1. Explain Quality Assurance activities.
2. Explain Class Diagram in brief.
- Q:5 [D] Attempt following. (Attempt Any One) [5]
1. Explain Activity Diagram in detail.
2. Explain Use Case Diagram in detail.
