

P.G.D.C.A Semester - 2 (CBCS) Examination
May/June-2022 (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. What is System?
 2. Components of the system are known as _____.
 3. DFD shows relation between data and _____.
 4. SDLC stands for _____.
- Q:1 [B] Attempt following. (Attempt Any One) [2]
1. What is System Design?
 2. Define Decision Tree.
- Q:1 [C] Attempt following. (Attempt Any One) [3]
1. Explain Role of System Analyst.
 2. Explain Software engineering in brief.
- Q:1 [D] Attempt following. (Attempt Any One) [5]
1. Write note on DFD.
 2. Explain fact finding techniques in detail.
- Q:2 [A] Attempt following questions. [4]
1. _____ is a coding error in a computer program
 2. What is Test Script?
 3. Load Testing is non-functional testing.(True/False)
 4. What is Software Testing?
- Q:2 [B] Attempt following. (Attempt Any One) [2]
1. What is Validation?
 2. What is Verification?
- Q:2 [C] Attempt following. (Attempt Any One) [3]
1. Define: Test Suite, Test Plan in brief.
 2. Write note on Graybox testing.
- Q:2 [D] Attempt following. (Attempt Any One) [5]
1. Explain Non-functional Testing in detail.
 2. Explain dynamic testing in detail.
- Q:3 [A] Attempt following questions. [4]
1. What is Shareware?
 2. What is Freeware?
 3. Waterfall model also known as _____.
 4. QTP stands for _____.
- Q:3 [B] Attempt following. (Attempt Any One) [2]
1. Define Iterative Model in brief.
 2. Explain win runner in brief.
- Q:3 [C] Attempt following. (Attempt Any One) [3]
1. Explain Prototyping model in detail.
 2. Differentiate Manual Testing V/S Automated Testing.

- Q:3 [D] Attempt following. (Attempt Any One) [5]
1. Explain Big Bang Model in detail.
 2. Explain Waterfall Model in detail.
- Q:4 [A] Attempt following questions. [4]
1. PERT stands for _____.
 2. LOC stands for _____.
 3. COCOMO stands for _____.
 4. What is Decomposition?
- Q:4 [B] Attempt following. (Attempt Any One) [2]
1. What is Project Management?
 2. Explain automated estimation in brief.
- Q:4 [C] Attempt following. (Attempt Any One) [3]
1. Explain effort estimation techniques.
 2. Explain task network and scheduling methods.
- Q:4 [D] Attempt following. (Attempt Any One) [5]
1. Explain PERT chart in detail.
 2. Explain time line chart in detail.
- Q:5 [A] Attempt following questions. [4]
1. What is the extension of visio drawing file?
 2. UML stands for _____.
 3. CAD stands for _____.
 4. Visio is Product of _____.
- Q:5 [B] Attempt following. (Attempt Any One) [2]
1. Explain goals of UML in brief.
 2. Explain QA in brief.
- Q:5 [B] Attempt following. (Attempt Any One) [3]
1. Explain Class Diagram in brief.
 2. Explain difference between QA V/S QC.
- Q:5 [C] Attempt following. (Attempt Any One) [5]
1. Explain Use Case Diagram in detail.
 2. Explain Activity Diagram in detail.
