

P.G.D.C.A Semester - 2 (CBCS) Examination**May/June -2021 [NEW COURSE]****SAD, Software Quality Assurance & Testing (CORE)****Time: 1:30 Hours****Marks: 42****Instructions:**

1. Figure to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

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- Q.1(A) Answer the following questions. (03)
1. Full form of SDLC _____.
 2. Full form of DFD _____.
 3. Full form of QA _____.
- Q.1(B) Answer the following question. (any two) (06)
1. What is system?
 2. Explain system analyst role.
 3. Short note on decision table.
 4. Difference : QA V/s QC.
- Q.1(C) Answer the following question. (any one) (05)
1. Explain SDLC.
 2. Explain Fact finding Techniques in detail.
- Q.2(A) Answer the following questions. (03)
1. What is Error?
 2. List out Software faults and failures points (any two).
 3. List out non-functional testing (any two).
- Q.2(B) Answer the following question. (any two) (06)
1. Explain test Artifacts.
 2. Explain test levels.
 3. Short note Static Testing.
 4. Short note Dynamic Testing.
- Q.2(C) Answer the following question. (any one) (05)
1. Explain Black box testing.
 2. Explain nonfunctional testing.
- Q.3(A) Answer the following questions. (03)
1. QTP stands for _____.
 2. How many models in SDLC? List out any two models name.
 3. Define Load Runner Tester Tool.
- Q.3(B) Answer the following question. (any two) (06)
1. Short note on Big Bang model.
 2. Explain winrunner tester tool.
 3. Sort note on Freeware.
 4. Explain shareware and licensed tool.
- Q.3(C) Answer the following question. (any one) (05)
1. Explain Waterfall model.
 2. Explain V-model.

- Q.4(A) Answer the following questions. (03)
1. COCOMO stands for _____.
 2. SLOC stands for _____.
 3. FP stands for _____.
- Q.4(B) Answer the following question. (any two) (06)
1. Explain Algorithmic methods.
 2. Explain Time Line chart with Diagram.
 3. Explain Pert Chart in Brief.
 4. Explain concept of project management.
- Q.4(C) Answer the following questions. (any one) (05)
1. Explain Empirical project estimation tool.
 2. Explain Automated Testing Tool.
- Q.5(A) Answer the following questions. (03)
1. Full form of UML _____.
 2. List out Designing base Software in UML.
 3. What is MS-VISIO?
- Q.5(B) Answer the following question. (any two) (06)
1. Explain QA.
 2. Explain QC.
 3. Explain activity diagram UML.
 4. Explain case diagram in UML.
- Q.5(C) Answer the following question. (any one) (05)
1. Explain & List out the step for MS VISIO.
 2. Explain Quality Assurance activities.
