

P.G.D.C.A Semester - 2 (CBCS) Examination**March/April -2019 (NEW 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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Que-1(A) Answer the following questions: (03)

1. Full form of SDLC
2. What is Sub System ?
3. Full form of DFD

Que-1(B) Answer the following questions: (Any Two) (06)

1. Explain Decision Tree & Decision Table
2. Explain the role of system Analyst
3. List out Fact finding Techniques and explain any one of them in brief.

Que-1(C) Answer the following questions: (Any one) (05)

1. Explain the DFD in brief
2. Explain the SDLC in brief

Que-2(A) Answer the following questions: (03)

1. Define Dynamic Testing
2. Explain the Fault
3. Equivalence partitioning is concept of White Box Testing (True/false)

Que-2(B) Answer the following questions: (Any Two) (06)

1. Define Test Level in Brief
2. Explain Non-Functional Testing in Brief
3. Explain Grey Box Testing in Brief

Que-2(C) Answer the following questions: (Any one) (05)

1. Write down the Difference between Black Box Testing and White Box Testing.
2. Explain Software Faults and Failure in brief.

Que-3(A) Answer the following questions: (03)

1. Define shareware
2. Which Testing tool is use to check the Quality ?
3. Explain Manual Testing

- Que-3(B) Answer the following questions: (Any Two) (06)
1. Define Water fall Model.
 2. Define Big Bang Model.
 3. Define Iterative Model.
- Que-3(C) Answer the following questions: (Any one) (05)
1. Write down the difference between Freeware V/s Licensed Tool.
 2. Explain The V-Model in Brief.
- Que-4(A) Answer the following questions: (03)
1. Full Form of SLOC.
 2. Full form of COCOMO.
 3. Define Project Management.
- Que-4(B) Answer the following questions: (Any Two) (06)
1. Define Project Estimation Techniques in brief .
 2. Explain the Time Line Chart in brief.
 3. Explain the Pert Chart in Brief.
- Que-4(C) Answer the following questions: (Any one) (05)
1. Explain Effort Estimation Techniques in brief.
 2. Explain Project Scheduling and Tracking concept in brief.
- Que-5(A) Answer the following questions: (03)
1. Full Form of MS VISIO
 2. Full form of CAD
 3. Full form of QC
- Que-5(B) Answer the following questions: (Any Two) (06)
1. Write down the difference between QA V/s QC
 2. Explain Activity Diagram in UML
 3. Explain Activity Diagram in UML
- Que-5(C) Answer the following questions: (Any one) (05)
1. Explain the Class Diagram in UML
 2. Explain the Use Case Diagram in Brief
