

P.G.D.C.A Semester - 2 (CBCS) Examination
March/April -2019 (Old Course)
SAD, SOFT. 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) Answer the following. (04)
1. What is System?
 2. What is Information System?
 3. What is the Full form of SDLC?
 4. What is Sub Systems?
- Q-1 (B) Answer the following. (Any One) (02)
1. Explain Quality Control.
 2. Explain Feasibility Study.
- Q-1 (C) Answer the following. (Any One) (03)
1. List various Fact finding techniques and explain any one.
 2. Write a note on Decision Tree.
- Q-1 (D) Answer the following (Any One) (05)
1. List various Data Flow Analysis Tools and explain any one.
 2. Write note on SDLC.
- Q-2 (A) Answer the following. (04)
1. What is Dynamic Testing?
 2. What is Stress Testing?
 3. What is White Box Testing?
 4. Which test is used to determine the stability of system?
- Q-2 (B) Answer the following. (Any One) (02)
1. What is Usability Testing?
 2. What is Load Testing?
- Q-2 (C) Answer the following. (Any One) (03)
1. Explain Grey Box testing.
 2. Explain the concept of Performance Testing.
- Q-2 (D) Answer the following. (Any One) (05)
1. Explain Black Box Testing.
 2. Explain various Test Levels and explain any two.
- Q-3 (A) Answer the following. (04)
1. What is the disadvantage of Classic Waterfall Model?
 2. What is Load runner and win runner?
 3. What is Iterative Model?
 4. Which model is considered as inflexible model?
- Q-3 (B) Answer the following. (Any One) (02)
1. Explain the concept of Freeware.
 2. What is V-Model? How it is useful?

- Q-3 (C) Answer the following. (Any One) (03)
1. What is Spiral Model?
 2. Discuss merits and demerits of prototyping model.
- Q-3 (D) Answer the following. (Any One) (05)
1. Write a note on Waterfall Model.
 2. Discuss: Iterative Model.
- Q-4 (A) Answer the following. (04)
1. What is the responsibility of the project manager?
 2. When the dummy activity is required?
 3. What is slack with respect to PERT and CPM?
 4. What is critical path of a network?
- Q-4 (B) Answer the following. (Any One) (02)
1. Why the task network is generated? Explain with example.
 2. List various graphical reporting tools and explain any one.
- Q-4 (C) Answer the following. (Any One) (03)
1. Explain PERT Chart.
 2. What is Project Scheduling and tracking?
- Q-4 (D) Answer the following. (Any One) (05)
1. Write a note on Timeline Chart.
 2. Write note on different Effort estimation techniques.
- Q-5 (A) Answer the following. (04)
1. In MS-Project, task information is entered in which view?
 2. In MS-Project, what is critical path?
- Q-5 (B) Answer the following. (Any One) (02)
1. What is Class Diagram?
 2. Explain UML.
- Q-5 (C) Answer the following. (Any One) (03)
1. Explain Activity Diagram?
 2. Explain Use Case Diagram?
- Q-5 (D) Answer the following. (Any One) (05)
1. What is MS-Project? How it is useful for controlling and managing project.
 2. What is MS-Visio? How it is used in designing and documentation of project.
