

P.G.D.C.A Semester - 2 (CBCS) Examination
August/September -2020 [OLD COURSE]
SAD, SOFT. QUALITY ASSURANCE & TESTING (CORE)

Time: 2:00 Hours**Marks: 56****Instructions:**

1. Figure to the right indicate marks.
 2. There are five questions in the question paper.
 3. Answer any four of the following questions.
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- Q.1(A) Attempt the following: (04)
1. Define system.
 2. Give the full form : SDLC.
 3. What is decision tree?
 4. What is DFD.
- Q.1(B) Attempt any one. (02)
1. Write down the main tasks of system analyst.
 2. Explain briefly : decision table.
- Q.1(C) Attempt any one. (03)
1. Write a short note on : Data Dictionary.
 2. List various fact finding techniques. Explain any one.
- Q.1(D) Attempt any one. (05)
1. Explain various levels of DFDs with example.
 2. Explain in brief : software engineering.
- Q.2(A) Attempt the following: (04)
1. Define error in software.
 2. What is grey box testing?
 3. What is state transition testing?
 4. What is the use of stress testing?
- Q.2(B) Attempt any one. (02)
1. What is static testing?
 2. Explain : Dynamic testing.
- Q.2(C) Attempt any one. (03)
1. Explain : Load testing.
 2. Explain : Unit testing.
- Q.2(D) Attempt any one. (05)
1. Explain : White Box testing and its types.
 2. Write short note on : levels of testing.
- Q.3(A) Attempt the following. (04)
1. Define freeware.
 2. Write the full form of QTP.
 3. What is rational suite?
 4. Define Iterative model.
- Q.3(B) Attempt any one. (02)
1. Explain with example : Licensed tools.
 2. Explain V model.

- Q.3(C) Attempt any one. (03)
1. Write short note on : prototyping.
 2. What do you mean by shareware? Explain.
- Q.3(D) Attempt any one. (05)
1. Explain in detail : Automated testing.
 2. List various SDLC models. Explain any one.
- Q.4(A) Attempt the following: (04)
1. Give full form : PERT chart.
 2. What is project tracking?
 3. What is a task network.
 4. Give example of a graphic reporting tool.
- Q.4(B) Attempt any one. (02)
1. What is project management?
 2. Explain briefly : decomposition techniques.
- Q.4(C) Attempt any one. (03)
1. Write short note on : Empirical project estimation techniques.
 2. What are algorithmic methods?
- Q.4(D) Attempt any one. (05)
1. Explain giving example : timeline chart.
 2. Write short note on : project scheduling.
- Q.5(A) Attempt the following: (04)
1. Give full form : UML.
 2. Define : Quality control.
 3. What is the main use of Ms-Project?
 4. What is Use Case Diagram?
- Q.5(B) Attempt any one. (02)
1. Explain in brief : Class Diagram.
 2. What is UML designing? Where it is used?
- Q.5(C) Attempt any one. (03)
1. Elaborate various quality assurance activities.
 2. Describe : Activity Diagram.
- Q.5(D) Attempt any one. (05)
1. Write in brief : MS-VISIO.
 2. Differentiate giving example : Quality Assurance and Quality control.
