



PAF-003-1022001

Seat No. _____

P. G. D. C. A. (CBCS) (Sem.-2) Examination

August – 2020

**CS-07 SAD, Software Quality Assurance and Testing
(New)**

Faculty Code : 003

Subject Code : 1022001

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- 1 (A) Objective type Questions : 4
- 1) Full form of SDLC is
 - 2) Full form of DFD is.....
 - 3) In a DFD external entities are represented by a.....
 - 4) is a tabular method for describing the logic of the decisions to be taken.
- (B) Attempt Any **One** out of **Two** : 2
- 1) What is system design?
 - 2) Explain Decision Tree.
- (C) Attempt Any **One** out of **Two** : 3
- 1) Explain the role of System Analyst.
 - 2) Explain Data dictionary.
- (D) Attempt Any **One** out of **Two** : 5
- 1) Explain SDLC in detail.
 - 2) Explain fact finding techniques in detail.

- 2 (A) Objective type Questions : 4
- 1), a software testing technique is sometimes called Glass box testing.
 - 2) Full form of BVA.....
 - 3) Which testing technique does not check internal logic?
 - 4) Object oriented is part of.....
- (B) Attempt Any **One** out of **Two** : 2
- 1) Give definition of fault.
 - 2) What is Acceptance Testing?
- (C) Attempt Any **One** out of **Two** : 3
- 1) Explain System Testing.
 - 2) Explain Test Harness.
- (D) Attempt Any **One** out of **Two** : 5
- 1) Explain Black Box Testing in detail.
 - 2) Write a note on Non-functional Testing.
- 3 (A) Objective type Questions : 4
- 1) Full form of OLP.....
 - 2) Full form of BSD.....
 - 3) Full form of QTP.....
 - 4) Functional Testing Tool is.....
- (B) Attempt Any **One** out of **Two** : 2
- 1) Define V-model.
 - 2) What is Shareware ?
- (C) Attempt Any **One** out of **Two** : 3
- 1) Explain rational suite.
 - 2) Explain Big Bang Model.
- (D) Attempt Any **One** out of **Two** : 5
- 1) Write a note on Spiral Model.
 - 2) Write a note on Iterative Model.

- 4 (A) Objective type Questions : 4
- 1) COCOMO Model stands for.....
 - 2) COCOMO Model was developed by.....
 - 3) Full form of PERT....
 - 4) Full form of LOC.....
- (B) Attempt Any **One** out of **Two** : 2
- 1) What is Project Management?
 - 2) What is scheduling?
- (C) Attempt Any **One** out of **Two** : 3
- 1) Describe Effort Estimation Techniques.
 - 2) What is project monitoring?
- (D) Attempt Any **One** out of **Two** : 5
- 1) Write a note on Decomposition Techniques.
 - 2) Write a short note on Automated Estimation Tools.
- 5 (A) Objective type Questions : 4
- 1) UMLStands for.....
 - 2) DCC Stands for.....
 - 3) Full form of CAD.....
 - 4) QA stands for.....
- (B) Attempt Any **One** out of **Two** : 2
- 1) Explain Use Case Diagram.
 - 2) Explain Activity Diagram.
- (C) Attempt Any **One** out of **Two** : 3
- 1) Explain Quality Control.
 - 2) Explain CAD in brief.
- (D) Attempt Any **One** out of **Two** : 5
- 1) Write a note on MS project.
 - 2) Write note on Class Diagram.