



NBO-003-1022001 Seat No. _____

P. G. D. C. A. (Sem. II) (CBCS) Examination

April / May - 2017

CS - 07 : SAD, Software Quality Assurance & Testing

Faculty Code : 003

Subject Code : 1022001

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

[Total Marks : 70

Instructions :

- (1) Answer for all questions must be written in your answer sheet.
- (2) Figures on the **right** indicate full marks.

- 1 (A) Attempt all : 4
- (1) SDLC Means _____.
 - (2) The full form of DFD is _____.
 - (3) The _____ determines whether the project should go forward.
 - (4) Physical design is _____ phase of SDLC.
- (B) Answer in brief : (any 1 out of 2) 2
- (1) Explain role of information analyst.
 - (2) Explain characteristics of system.
- (C) Answer in detail : (any 1 out of 2) 3
- (1) What is technical feasibility ?
 - (2) Explain types of data dictionary.
- (D) Write notes on : (any 1 out of 2) 5
- (1) Explain SDLC in detail.
 - (2) Explain Questionnaire. When it is used ?
- 2 (A) Attempt all : 4
- (1) Undetermined Intermediate State is called _____.
 - (2) Activity diagram corresponds to _____.
 - (3) Object oriented is part of _____.
 - (4) _____ is considered as Unit testing.

- (B) Answer in brief : (any 1 out of 2) 2
 (1) What is bug and error ?
 (2) Give definition of fault.
- (C) Answer in detail : (any 1 out of 2) 3
 (1) Discuss: Risk Management.
 (2) Explain White box testing.
- (D) Write notes on : (any 1 out of 2) 5
 (1) Explain PERT chart.
 (2) Explain activity diagram with suitable example.
- 3** (A) Attempt all : 4
 (1) Function testing tool is _____.
 (2) When you create a test in QTP, it includes _____ action.
 (3) The information panel provides a list of _____ in the test.
 (4) The simplest form of timetable for program planners is the _____.
- (B) Answer in brief : (any 1 out of 2) 2
 (1) What is V-Model ?
 (2) What is freeware ?
- (C) Answer in detail : (any 1 out of 2) 3
 (1) Explain Load Runner in detail.
 (2) Explain spiral model.
- (D) Write notes on : (Any 1 out of 2) 5
 (1) Explain Waterfall model in detail.
 (2) Write a short note on WinRunner.
- 4** (A) Attempt all : 4
 (1) Three levels of COCOMO model are _____.
 (2) COCOMO model stands for _____.
 (3) Project estimation can be based on _____.
 (4) The critical path of a network is the _____.
- (B) Answer in brief (any 1 out of 2) 2
 (1) Give a definition of Timeline chart.
 (2) What is scheduling ?

- (C) Answer in detail : (any 1 out of 2) 3
 (1) Explain project management.
 (2) Explain project monitoring.
- (D) Write notes on : (any 1 out of 2) 5
 (1) Write a short note on COCOMO model.
 (2) Write a short note on Automated Estimation Tools.
- 5** (A) Attempt all : 4
 (1) UML stands for _____.
 (2) CAD Stands for _____.
 (3) _____ is Extension of visio drawing file.
 (4) QC stands for _____.
- (B) Answer in brief : (any 1 out of 2) 2
 (1) What is MS Project ?
 (2) What is MS VISIO ?
- (C) Answer in detail : (any 1 out of 2) 3
 (1) Explain Quality Assurance.
 (2) Difference: QA and QC.
- (D) Write notes on : (any 1 out of 2) 5
 (1) Explain class diagram.
 (2) Explain Use Case Diagram in detail.
-