BBA-003-003308 Seat No. _____

B. C. A. (Sem. III) (CBCS) Examination

June / July – 2021

CS - 13 : SAD, Software Quality Assurance and Testing

(Old Course)

Faculty Code : 003

Subject Code : 003308

Time : $2\frac{1}{2}$ Hours] [Total Marks : **70**

1 Answer the following : **20**

(1) Give full form of SDLC.

(2) Give full form of UML.

(3) Give definition of Task network.

(4) Black Box Testing is also known as _____ testing.

(5) List out Testing Levels.

(6) Give definition of Bug.

(7) Give full form of DFD.

(8) Earned Value Analysis is a technique to measure progress of project. [True/False]

(9) _____ software provided to the users on a trial basis without any payment.

(10) Give full form of QTP.

(11) Which model is an extension of the waterfall model?

(12) Give definition of Fault.

(13) _____ model is realistic approach to the development of large scale systems and software.

(14) Give full form of PERT.

(15) Project performance consists of Time, Cost and Quality. [True/False]

(16) Give full form of QC.

(17) Use case diagram shows relationship among actors and use cases. [True/False]

(18) Give full form of CAD.

(19) _____ is the extension of MS-Visio drawing file.

(20) Which software testing technique is a combination of black box testing and white box testing?

2 (A) Answer any **three** : 6

    (1) What is Business System?

    (2) What is System Testing?

    (3) Give definition: Error, Defect.

    (4) What is Freeware?

    (5) Discuss Software Engineering.

    (6) What is Static Testing?

(B) Answer any **three** : 9

    (1) Discuss Role of System Analyst.

    (2) Explain Nonfunctional Testing.

    (3) Explain White Box Testing.

    (4) Discuss Quality Assurance.

    (5) Explain Fact Finding Techniques.

    (6) Explain Test Suite.

(C) Answer any **two** : 10

    (1) Explain Decision Table in detail.

    (2) Explain Test Case and Test Plan.

    (3) Explain Black Box Testing in detail.

    (4) Explain SDLC in detail.

    (5) Explain Load runner in detail.

3 (A) Answer any **three** : 6

    (1) Define Terms: Class and Object.

    (2) What is MS-Project?

    (3) Discuss Project Schedul

    (4) Define V-Model.

    (5) What is Shareware?

    (6) List different phases of Waterfall Model.

  (B) Answer any **three** : 9

    (1) Explain Activity Diagram.

    (2) Discuss PERT Chart.

    (3) Explain Empirical Project Estimation Techniques.

    (4) Explain Prototyping Model.

    (5) Explain Class Diagram.

    (6) Explain Effort Estimation Techniques.

  (C) Answer any **two** : 10

    (1) Explain Spiral Model in detail.

    (2) Write note on MS-VISIO.

    (3) Explain Automated Estimation Tools.

    (4) What is UML? Explain Use Case Diagram.

    (5) Explain Graphical Reporting Tools.

_____