B.C.A. (Semester – V) Examination, April/May 2019
SOFTWARE TESTING

Duration : 2 Hours   Total Marks : 50

Instructions :   *1)* **All** *questions are* **compulsory.**
               2) Figures to the **right** *indicate* **full** *marks.*

1. A) Fill in the blanks :   **(5×1=5)**

     i) The testing metrics used to find team capability is called _____ metrics.

     ii) Development of software to test software is called _____

     iii) Modification of software after deliver to improve performance is called _____ maintenance.

     iv) Testing the interaction between software modules and with other systems externally is called _____ testing.

     v) Testing done to ensure basic functionality continues to work is called _____ testing.

B) Answer the following in **one** or **two** sentences :   **(5×1=5)**

     i) What is meant by software source control ?

     ii) What is enabling testing in $I_{18}n$?

     iii) State the use of drivers in Integration testing.

     iv) Give one reason why regression testing is crucial in object oriented systems.

     v) What is software testing ?

2. Answer the following :

     A) What is scalability testing ?   **2**

     B) List any three qualities of good documentation.   **3**

     C) Describe round the clock development testing model.   **5**

3. Answer the following :

    A) What is White Box testing ?   2

    B) List any three screen accessibility features.   3

    C) Discuss any five risks in a software testing project.   5

4. Answer the following :

    A) State two benefits of test matric in software testing.   2

    B) Explain defect seeding.   3

    C) Explain in detail the Change Control Procedure in SCM.   5

5. Answer the following :

    A) Give any two advantages of static testing done by humans.   2

    B) With the help of an example, explain Equivalence Class Partitioning.   3

    C) "Testing is not technically challenging". Comment on this misconception with valid reasons.   5

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