W-3816(A)

B.C.A. (Sixth Semester) Examination, (Second Chance) June-2020
SOFTWARE TESTING

Paper - IV

Time : Three Hours
Maximum Marks : 80 (For Regular Students)
Minimum Pass Marks : 32

Note : Attempt **all** questions.

Unit - I

Q.1. Giving suitable examples, write detailed notes on the following: 16
   a)   Coverage and control flow graphs.
   b)   Evaluating test adequacy criteria

Unit - II

Q.2. Giving examples, discuss clearly the 'Need for levels of testing'. Explain following in brief: 16
   a)   Unit test planning.
   b)   Designing the unit tests.
   c)   Testing the documentation.

Unit - III

Q.3. Giving suitable examples, write detailed notes on the following: 16
   a)   Integration test and its planning
   b)   Defect bash elimination

Unit - IV

Q.4. Compare manual testing and automatic testing with reference to their methodology, complexity, advantages and demerits. List their application areas.   16

Unit - V

Q.5. Giving suitable examples, write detailed notes on the following: 16
   a)   Functional testing tools.
   b)   Automatic tool QTP.