

Roll No :

Total No. of Questions : 10]

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BC-395

B.C.A. (Part-III) Examination, 2021

SOFTWARE ENGINEERING AND VISUAL BASIC

Paper - BCA-301

(For Due only)

(For Old Scheme Students)

Time : 1½ Hours]

[Maximum Marks : 50

Note :- Attempt any *five* questions in all, selecting *one* question from each Unit. All questions carry equal marks.

Unit-I

1. (a) Explain Spiral Model.
(b) Describe McCall's Quality Factors.
2. (a) Explain Cocomo Model.
(b) Describe Cohesion and Coupling.

Unit-II

3. Explain different levels of Testing.
4. (a) What is the difference between Black box and White box testing ?
(b) Describe CASE tools.

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Unit-III

5. What is Event Driven Programming ? Explain with example.
6. Explain Control Array with example.

Unit-IV

7. (a) Differentiate MDI and SDI.
(b) Explain Msg Box with example.
8. Explain text selection, search and replace with example.

Unit-V

9. Write the steps of database connectivity using ADO with Code.
10. Give an example of using crystal reports in VB.