



AS – 255

IV Semester B.A. B.Sc. Examination, April/May 2012
(Semester Scheme)
COMPUTER SCIENCE – IV
Software Engineering and Visual Programming

Time : 3 Hours

Max. Marks : 60

Instruction : Answer *all* the Sections.

SECTION – A

Answer **any ten** questions. **Each** carries **one** marks.

(10×1=10)

1. Write any two characteristics of software.
2. What is cohesion ?
3. Mention different coding techniques.
4. What is a test case and test report ?
5. Define software quality.
6. What is the difference between verification and validation ?
7. What are different data types in VB ?
8. What is the function of END statement ?
9. Mention any two data bound controls in VB.
10. Give classification of events used in VB.
11. Mention the use of ActiveX controls.
12. Give an advantage of control array.

P.T.O.



SECTION – B

Answer **any five** questions. **Each** carries **three** marks.

(5×3=15)

13. Explain prototyping model.
14. Explain characteristics of SRS.
15. What is coupling ? Explain.
16. Write a note on quality assurance plans.
17. Describe the input box function.
18. Explain any four properties of list box.
19. Describe open method for an ADO connection.

SECTION – C

Answer **any five** questions. **Each** carries **seven** marks.

(5×7=35)

20. Explain various activities in project plan.
21. Briefly explain various design methodologies.
22. Compare and contrast waterfall model and spiral model.
23. Explain testing process in detail.
24. Explain different looping structures in VB.
25. How do you create a menu using a menu editor ? Explain its properties.
26. Explain the various common dialog box in VB.
27. Write a VB program to accept data through a form and store the following in a database : Std No, Name and Marks. Also prepare a report of students scoring marks greater than 50.