



SE – 341

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IV Semester B.C.A. Examination, September 2020
(CBCS) (F + R) (2015-16 and Onwards)
COMPUTER SCIENCE
BCA – 403 : Visual Programming

Time : 3 Hours

Max. Marks : 70

Instruction : Answer *all* Sections.

SECTION – A

Answer **any ten** questions.

(10×2=20)

1. Mention the versions of Visual Basic.
2. Give any two advantages of Visual Basic.
3. Why VB is called as Event-Driven Programming ?
4. List the Keyboard events.
5. Define entry controlled loop and exit controlled loop.
6. What is an OLE control ?
7. List any four common properties of VB controls.
8. What is timer control ? Mention its properties.
9. What are binary files ?
10. List statements and functions used with sequential files.
11. What is ADO ? Mention its features.
12. What is serialization ?

P.T.O.



SECTION - B

Answer any 5 complete questions.

(5×10=50)

13. a) Explain any five important features of Visual Basic. 5
b) Explain the usage of List box and Check box controls with an example. 5
14. a) What is a string ? Explain any five string functions. 5
b) What is common dialog control ? Create an application to illustrate the usage of common dialog control. 5
15. a) Explain select case statement in visual basic with a suitable programming example. 5
b) Explain the types of Arrays with an example. 5
16. a) Differentiate between Combo box and List box controls. 5
b) Explain Do Loop . . . Until and For . . . Next loop statements. 5
17. a) Explain different types of file modes. 5
b) Explain the class properties. 5
18. a) What is a record set ? Explain the types of record set. 5
b) With an example explain navigation and manipulation methods of record set. 5
19. a) Write a note on message map. 5
b) Explain document/view architecture. 5
20. Write a VB program to maintain ITEM DETAILS like ITEMNO, ITEMNAME, PRICE and QUANTITY in a database. The program should have options like ADD, SAVE, DELETE, SEARCH and navigation of records. (Make necessary assumptions). 10
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