

18. (a) Explain frame controls with an example.

Or

(b) Design a form with File system controls and explain.

19. (a) Discuss the Tool Bar in VB.

Or

(b) Write two types of menus. Explain Drop down menu with an example.

20. (a) Explain sequential file processing in VB.

Or

(b) Discuss the random access file commands in VB.

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**S.No. 4202**

**NSRGA 5**

(For candidates admitted from 2003–2004 onwards)

**B.C.A. DEGREE EXAMINATION, NOVEMBER 2023.**

**Part III — Computer Applications — Major**

**VISUAL PROGRAMMING**

**Time : Three hours**

**Maximum : 100 marks**

**SECTION A — (10 × 2 = 20)**

**Answer ALL questions.**

1. List the IDE Feature.
2. Differentiate Events and Event procedure.
3. Write various Data types in VB.
4. What is the use of ReDim statement?
5. Write the advantages of VB control.
6. How properties are assigned in VB Control.
7. What are the lists of the ActiveX controls in VB?
8. What is meant by common dialog controls?
9. Write the advantages of using DDE in VB.
10. Define data access in VB.

**SECTION B — (5 × 6 = 30)**

Answer ALL questions, choosing either (a) or (b).

11. (a) Write short notes on VB Editors.

Or

- (b) How to work with forms in VB? Discuss.

12. (a) Discuss scope of variable and scope of sub procedure in VB.

Or

- (b) Write general format of select case .... End select statement and explain with an example.

13. (a) What is the difference between textbox and labels in VB. Explain with an example.

Or

- (b) Write a note on File system controls.

14. (a) Distinguish between the tree view controls and List view with an example.

Or

- (b) Explain Rich textbox control in VB.

15. (a) Explain how to create ActiveX DLL in VB?

Or

- (b) Discuss the Data Grid control in VB.

**SECTION C — (5 × 10 = 50)**

Answer ALL questions, choosing either (a) or (b).

16. (a) Discuss about Form events and Form methods in VB.

Or

- (b) Write a VB program to calculate factorial of a given positive integer n. Design a form which will get n value and display corresponding factorial value. Use command button to clear values and quit a form. Write an event procedures corresponding to the command button.

17. (a) Discuss about arrays with an example.

Or

- (b) (i) Distinguish between sub procedure and functions in VB

- (ii) Write general format of With structure and explain with an example.