PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BBA DEGREE EXAMINATION MAY 2024
(Third Semester)

Branch – **BUSINESS ADMINISTRATION (INFORMATION SYSTEM)**

VISUAL PROGRAMMING

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (5 x 1 = 5)

1   Which programming paradigm does Visual Basic primarily follow?
   (i)   Procedural   (ii) Object-Oriented
   (iii) Event-Driven   (iv) Functional

2   Which keyword is used to declare a constant in Visual Basic?
   (i)   Dim   (ii) Const
   (iii) Final   (iv) Static

3   Which GUI tool is used to display static text on a form in Visual Basic?
   (i)   Textbox   (ii) Checkbox
   (iii) List Box   (iv) Label

4   What does MDI stand for in Visual Basic?
   (i) Multiple Document Interface (ii) Main Document Interface
   (iii) Modal Dialog Interface   (iv) Menu Driven Interface

5   Which method is commonly used for retrieving a record set in DAO?
   (i)   Execute   (ii) Open
   (iii) Select   (iv) Get record set

SECTION - B (15 Marks)
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks   (5 x 3 = 15)

6   a   Explain the concept of event-driven programming in Visual Basic.
                            OR
    b   Outline the steps involved in developing a Visual Basic application.

7   a   Describe the role of decision-making statements in Visual Basic programming.
                            OR
    b   Explain the concept of control structures in Visual Basic programming.

8   a   What is the primary purpose of working with forms in Visual Basic?
                            OR
    b   Describe the purpose of the Picture Box control in Visual Basic forms.

9   a   Outline the basic steps involved in building an MDI form in a GUI application.
                            OR
    b   How MDI child forms interact with the MDI parent form and each other.

10 a   Define DAO and ADO in the context of database access.
                            OR
    b   How do you connect to a database using Active Data Objects.

SECTION -C (30 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 6 = 30)

11 a   Explain the Integrated Development Environment (IDE) in Visual Basic

OR

  b   Discuss the concepts of properties, methods, and events in Visual Basic programming

12 a   Explain the concept of variable scope in Visual Basic programming. Provide examples.

OR

  b   Discuss the concept of structure arrays in Visual Basic. How are they useful in programming? Provide an example.

13 a   Explain the purpose of the Label control in Visual Basic and its usage.

OR

  b   Discuss about string functions in Visual Basic with example.

14 a   Explain the concept of creating menus in a graphical user interface (GUI) application.

OR

  b   Discuss the significance of file concepts in GUI application development.

15   a Explain the purpose of a Record Set object in database programming.

OR

b Describe the difference between committing and rolling back a transaction in database.

Z-Z-Z   END