1. **Answer the following short questions** : (1 x 6 = 6)
   (a) Name the control which remains invisible at run time.
   (b) Which property changes the state of the form at run time?
   (c) Which window helps in aligning multiple forms present in an application?
   (d) Name any container control.
   (e) What is the keyboard shortcut to close Visual Basic?
   (f) Give Visual Basic statement to hide the form frmEmployee.

2. **Differentiate between the following**: (mention atleast 2 points) (2 x 3 = 6)
   (a) Check box and Option button
   (b) Variable and Constant
   (c) Enabled and Visible property

3. **Explain Event driven programming.** (2)

4. **Which two properties of a Data Control are required to set in order to access the values from the database table? Explain them.** (2)

5. **Give two reasons why an application may not run.** (2)


7. **Identify the Properties, Methods and Events from the following**: (1/2 x 6 = 3)
   (a) Caption
   (b) Load
   (c) Click
   (d) SetFocus
   (e) MaxLength
   (f) Autosize

8. **Predict the output of the following**: (2 x 2 = 4)
   (a) Private Sub Command1_Click()
       
       i = 4
       While i < 12

       R / 2
      
      [P.T.O.]
i = i + 2
Print i
Wend
End Sub

(b) Private Sub Command1_Click()
    For X = 0 To 6 Step 2
        Y = X + 5
        Print X; Y
    Next X
End Sub

9. Write an event procedure on the click event of a command button 'cmdAge' to accept Age from the user and display whether the user is eligible to vote or not. (3)

10. Write an event procedure on the click event of a command button 'cmdSum' to display the sum of first 20 odd numbers. (3)

11. Write an event procedure on the click event of a command button 'cmdSeries' to generate the following series:
    
    4 16 36 64 100

    (3)

12. Write an event procedure on the click event of a command button 'cmdGrade' to accept Marks from the user and display Grade in the textbox 'txtGrade' as per the following criteria:
    |
    | Marks | Grade |
    |-------|-------|
    | >= 90 | A+    |
    | 75 - 89| A     |
    | 60 - 74| B+    |
    | 50 - 59| B     |
    | < 50  | C     |

    (4)