

[Total No. of Questions - 9] [Total No. of Printed Pages - 3]  
(2123)

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B. Tech 5th Semester Examination

Visual Programming (O.S.)

IT(ID)-5004

Time : 3 Hours

Max. Marks : 100

*The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.*

**Note :** Attempt one question from each sections A, B, C and D.  
Attempt all questions of section E.

**SECTION - A**

1. (a) What are Visual Basic programming conventions? Also explain the use of object browser. (10)
- (b) Rewrite the following, If statement as an choose ( ) function  
If (ID = 1) Then  
    intBonus = 50  
Elseif (ID = 2) Then  
    IntBonus = 75  
Elseif (ID = 3) Then  
    IntBonus = 100  
End If (10)
- OR
2. (a) Explain the VB environment. (10)
- (b) (i) Explain the user defined data types,  
(ii) What is the role of control array?  
(iii) What is the difference between 'for and for each'? (4+3+3=10)

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**SECTION - B**

3. (a) (i) How do we use **OLE** in VB?  
(ii) Mention the steps to create a new object for a new class. **(10)**
3. (b) Differentiate between Sequential and Random file organization examples **(10)**

OR

4. (a) What is the difference between a procedure and a function? What are different ways of passing arguments? Explain by taking suitable examples. **(10)**
- (b) Give list of different ActiveX components. What are ActiveX controls? Write steps to add and remove ActiveX controls. **(10)**

**SECTION - C**

5. (a) (i) How do we create reports in VB?  
(ii) Write short note on date control properties and methods. **(5+5=10)**
- (b) (i) Create a new dynaset using SQL.  
(ii) Explain the steps to create a tabbed dialog control. **(5+5=10)**

OR

6. (a) Explain the role of Visual Data Manager in creating databases in VB. Also explain the function of Data Control. **(10)**
- (b) What is ADO? How it differs from RDO and DAO? **(10)**

**SECTION - D**

7. (a) Write short notes on the following:
- (i) CDO
  - (ii) Internet programming. **(2.5+2.5=5)**
- (b) Explain the method used to send E-mail through **MAPI** controls. **(5)**
- (c) Mention the salient features of a VB script. Also explain the role of script controls. **(10)**

OR

8. (a) How FTP and HTTP works. Differentiate between HTML and DHTML pages. How they are created? **(10)**
- (b) Write a note on File System Object. Also explain create text file and open text file method. **(10)**

**SECTION - E**

9. Attempt *all* of the following questions:
- (a) What is Windows API?
  - (b) What is the difference between MsgBox statement and MsgBox() function?
  - (c) What are different ways of accessing files? Explain with an example the difference between write # and input # functions.
  - (d) How MDI differs from SDI?
  - (e) What are control arrays?
  - (f) Define inheritance.
  - (g) What is record set and how it is manipulated?
  - (h) Give significance of OLE.
  - (i) What is VB script?
  - (j) Give function of an event handler. **(10×2=20)**