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MCA. 4th Semester
VISUAL LANGUAGE PROGRAMMING
(MCA-16-210)

Time : 3 Hours]   [Max. Marks : 60

Notes:

(i)   It is compulsory to answer the questions of Part-1. Limit your answers within 20-40 word in this part.

(ii) Answer any four questions from Part-2 in detail.

(iii) Different parts of the same question are to be attempted adjacent to each other.

(iv) Assume suitable standard data wherever required, if not given.

PART–1

1. (a) Differentiate between properties and events with example.   (2)

    (b) What is use of Preserve and ReDim keywords?   (2)

    (c) What is Popup Menus?   (2)

    (d) What is toolbox and name some tools used by user? (2)

    (e) Differentiate between function and procedure.   (2)

    (f) What is the purpose of option explicit statement? (2)

    (g) What do you mean by COM?   (2)

    (h) What is importance of record set?   (2)

    (i) What is subroutine?   (2)

    (j) What is use of ADO?   (2)

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PART-2

2. (a) Explain 7 data types in VB with example. (5)

   (b) Evaluate the following expressions : (5)

      (i) 4+9–5^3.

      (ii) (Len("YMCAU,FARIDABAD-HR")+1)^2–Val ("123").

3. (a) What is the procedure to create data report? (5)

   (b) With the help of an appropriate example elucidate the meaning of the following keywords in a VB program. (i) Dim (ii) Variant (iii) Next (iv) Step (v) Constant. (5)

4. Explain and give *one* example each of the following functions :

   (a) Val (b) Left (c) Right (d) Trim (e) StrReverse

   (f) Space (g) Mid (h) Rtrim (i) String (j) Ltrim. (10)

5. What is client-server architecture? How is it different from other architecture? How is three-tier architecture suitable for web applications? (10)

6. What is record set? What are its properties? Also explain working with record sets with example. (10)

7. What is ActiveX in VB? For what purpose it is used? What are its advantages? How ActiveX controls are created? Explain through a program. (10)

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