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(Please write your Exam Roll No.)

Exam Roll No. 0131422007

# END TERM EXAMINATION

THIRD SEMESTER [BCA] DECEMBER-2008

Paper Code: BCA205

Subject: Front End Design Tools

Paper Id: 20205

(Batch: 2005-2007)

Time : 3 Hours

Maximum Marks :75

Note: Q.1 is compulsory. Internal choice is indicated.

- Q1 (a) Define ADO. Give example to explain it. (b) Explain differences between TRIM and RTRIM functions. (c) What is a dynamic array? Explain with short code in VB. (d) Give short note on MDI. (e) Define control array. Give example. (f) Give short note on Microsoft Transaction server. (g) Give short note on COM/DCOM. (h) Give key features of MS-Jet engine. (i) How can we use VB for transaction management? (j) Explain file handling in VB. (2.5x10=25)

### UNIT-I

- Q2 (a) Write a VB program to generate a Fibonacci series for a given number n. (5) (b) Differentiate between private and public in VB using an example. (4) (c) List down the data types in VB. Also explain the concept of scope of a variable. (3.5)

OR

- Q3 (a) Differentiate between a variable and a static variable. (3.5) (b) Write a VB program to display date and time on the top of the form and which keeps on moving in accordance to the system clock. (4) (c) Explain procedures. Differentiate between function and subroutines. Give suitable examples. (5)

### UNIT-II

- Q4 (a) Explain data control and how it can be configured using properties to access MDB Database. (6) (b) Explain common dialog Box and MS common control components. (6.5)

OR

- Q5 (a) Differentiate between MDI and SDI. How a menu be added to MDI and SDI? (6.5) (b) Write short notes on:- (2x3=6) (i) Send keys (ii) Error handling in VB (iii) Events in VB

### UNIT-III

- Q6 (a) Explain the role of data Report. Differentiate between a data report and crystal report. (6) (b) Define Active X control. Explain how it can be created. (6.5)

OR

- Q7 (a) Compare ADO with RDO. (3.5) (b) Explain the significance of data environment designer. (4) (c) Write a VB code to connect with MS Access database namely employee using DAO. Handle all the following Database operations- ADD, DELETE, EDIT, SAVE. Details of the database are:- (5) Table Name- Engineer Column name- Eng\_id, Eng\_name Eng\_designation, Eng\_salary.

### UNIT-IV

- Q8 (a) Give short notes on:- (3x2=6) (i) Visual source safe (ii) MAPI Interface (b) How can we access MS-Powerpoint presentation from VB environment? (4) (c) How can we create a help file for any VB application? (2.5)

OR

- Q9 (a) Give short notes on:- (3x2=6) (i) Primary and secondary help windows. (ii) COM Implementation in VB. (b) What do you understand by adding multimedia to a VB application? Give example. (4) (c) Explain context sensitive help in VB. (2.5)

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