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# END TERM EXAMINATION

THIRD SEMESTER (MCA), DECEMBER-2010

*Paper Code: MCA-207*

*Subject: Front End Design Tools*

*Paper ID: 44207*

**Time: 3 Hours**

**Maximum Marks: 60**

*Note: Attempt all questions. Internal choice is given in each question except question no. 1.*

## SECTION-A

**Q1. Answer the following:**

- (a) What is the use of Exit for, Exit Do, Exit Sub and Exit Function Statement?
- (b) Explain the purpose of ReDim keyword? Explain the preserve keyword used with Redim ()?
- (c) What do you mean by Back color property of a Form? How will you assign a RED color to a Form?
- (d) What is the difference between a design mode and run mode? Can you change the property of a control box at the run time?
- (e) What is help file? How can we create a help file for any VB application? Write down complete steps.
- (f) How can an Active X control be added to a toolbar?
- (g) What is COM/DCOM? Explain its importance and usage.
- (h) Why is crystal report preferred over data report?
- (i) Distinguish between a RecordSet opened as Dynaset, Table Type and Snapshot.

- (j) Which Text box is better than simple text box? How will you load a file 'simple.text' to a rich text box? **(2\*10=20)**

### **SECTION –B**

- Q2.** What is the use of controls? Write down three broad categories of controls in VB. Explain them briefly. **(5)**

Write a program that inputs Integer (one at a time) and passes them one at time to procedure Iseven, which uses modulus operator to determine if an integer is even. The procedure should take an Integer arguments and returns true if the integer is even and false otherwise. **(5)**

**OR**

What is scope of a variable? In how many ways variable scope can be defined. Explain giving examples. **(5)**

Write a procedure that asks the user for entering his birth date.

If the user's age is more than 17, show a message box "**ELIGIBLE FOR VOTING**". If his age is more than 65, show a message box "**ELEDER CITIZEN**"; else show a message box "**NOT ELIGIBLE FOR VOTING**". **(5)**

- Q3** How do you handle Run Time errors in VB? Write a procedure for opening a file and handling error (for writing to an existing file) by using its description and number. **(10)**

**OR**

Explain file handling in VB? Write code to create a random file, open the file and add records in it. Now display the records entered. **(10)**

- Q4** What is ADO? How is it different from RDO and DAO? Explain ADO object model. **(10)**

**OR**

How can an Active X control be added to toolbar? List and describe three specialized controls that ADO use to communicate with any database. **(10)**

**Q5** What is Microsoft Visual Source Safe (VSS)? List the different components of VSS. **(10)**

**OR**

What is Help file? How do we create a content sensitive?

List the advantage of using windows API. What does Window API

consist of?

**(10)**

