

# END TERM EXAMINATION

THIRD SEMESTER [MCA] DECEMBER-2009

Paper Code: MCA207

Subject: Front End Design Tools

Paper Id-44207

Time:3 Hours

**Note: Attempt all questions with internal choice given in each.**

Q1 Attempt all questions in brief:-

(10x2=20)

- (a) Explain Boolean operators.
- (b) What is subroutines?
- (c) Write use of crystal reports.
- (d) What do you understand by ODBC?
- (e) Explain concurrency control.
- (f) Design a simple class to add two numbers.
- (g) Differentiate built-in and user-defined data types.
- (h) What are control array? Write code for it.
- (i) Explain any two form controls.
- (j) Explain Do-until loop.

Q2 Write a program to calculate Gross salary of an employee. Consider following:-

Bonus-5% of basic salary, TA-10% of basic salary, HRA-50% of basic salary, Gross salary=basic salary+bonus+TA+HRA. Take basic salary as

Input. Other fields get populated according to basic salary.

(10)

**OR**

Write a program to print the following:-

(10)

```
1
0 1
1 0 1
0 1 0 1
1 0 1 0 1
```

Q3 Explain use of following controls and events. (10)

- (a) Click event                      (b) Image control                      (c) On mouse out  
(d) Active X data control              (e) Get focus

**OR**

Explain error handling. What are the statements or function to handle the error? (10)

Q4 Write a program to find largest and second largest in an array. (10)

**OR**

Write a program to insert a record in a table. (10)

ID	NAME	AGE
1	XYZ	22

Q5 Explain the steps of VB and MS-Acess connectivity. (10)

**OR**

- (a) What do you understand by event driven programming? (5)  
(b) Write a code in VB script to validate a text box that should not be blank while submitting the form.. (5)

\*\*\*\*\*