

**Code No. : 7824**

**Sub. Code : C 1 A 3**

**M.C.A. (CBCS) DEGREE EXAMINATION,**

**NOVEMBER 2008**

**First Semester**

**COMPUTER APPLICATIONS**

**VISUAL PROGRAMMING - I**

**(For those who joined in July 2008 onwards)**

**Time : Three hours**

**Maximum : 75 marks**

**Part A – (10 x 1 = 10 marks)**

**Answer ALL questions**

1. What are properties in VB?
2. Write the syntax for "Exit-DO" statement.
3. What do you mean by call by reference?
4. Write a short note on code modules.
5. What is the advantage of variant data type?
6. Write down the important properties of text box.
7. What is the use of menus?
8. Write a short note on Up Down control.
9. What do you mean by VB interface?
10. What is data abstraction?

**Part B – (5 x 5 = 25 marks)**

**Answer ALL questions choosing either (a) or (b)**

11. (a) Explain about Form Layout in VB.  
(or)  
(b) Write a VB code to perform addition, subtraction and multiplication using switch case.
12. (a) What is optional argument? Explain it.  
(or)  
(b) Differentiate call by value and call by reference.
13. (a) Differentiate text box and rich text box in respect of properties.  
(or)

- (b) Explain key preview property with an example.
14. (a) Write a note on functional array  
(or)  
(b) Write a note on function message box.
15. (a) Differentiate data abstraction and information hiding.  
(or)  
(b) Write a note on flex grid control.

**Part C – (5 x 8 = 40 marks)**

**Answer ALL the questions choosing either (a) or (b)**

16. (a) Explain about standard tool bar in detail.  
(or)  
(b) Explain the necessary steps to create a student management project.
17. (a) Discuss in detail about visual basic environment.  
(or)  
(b) Write VB program to calculate the EB bill processing using if-then-else.
18. (a) Explain any five math functions in VB.  
(or)  
(b) Discuss in detail about multidimensional array with suitable example.
19. (a) Describe about template forms in detail.  
(or)  
(b) Explain about drag and drop event with a suitable example.
20. (a) Write VB program to generate a payroll processing using polymorphism  
(or)  
(b) Explain the following terms:  
(i) ADO data control.  
(ii) DAO data control.  
(iii) RDO data control.