

AM-238

B.C.A. Part—II (Semester—IV) Examination

VISUAL BASIC

Paper—4 ST 2

Time—Three Hours]

[Maximum Marks—60

Note :—(1) **ALL** questions are compulsory.

(2) All Questions carry equal marks.

(3) Use suitable data wherever necessary.

1. (a) What are Event Procedures ? Explain with example. 6
- (b) Write a program to calculate factorial of a number. 6

OR

2. (a) How arrays are declared and initialized in Visual Basic ? Explain. 6
 - (b) Write a program to calculate sum of digits of a number. 6
3. (a) What are Active-x components ? Explain. 6
 - (b) What are printer objects ? Explain. 6

OR

4. (a) Write a program to display Olympic symbol using shape control. 6

- (b) What are common dialog controls ? Explain. 6
5. (a) State and explain the difference between public and private procedures. 6
- (b) Explain : 6
- (i) instr ()
- (ii) Ltrim ()
- (iii) Rtrim ().

OR

6. (a) Explain : 6
- (i) val ()
- (ii) log ()
- (iii) round ().
- (b) Write a program to check whether input string is palindrome or not. 6
7. (a) What is Form Collection ? Explain. 6
- (b) What is Print Statement ? Explain with example. 6

OR

8. (a) Write a program to display following pattern : 6
- ```

1
0 1
0 1 0
1 0 1 0

```
- (b) How multiple forms are handled in Visual Basic ? Explain. 6
9. (a) State and explain Basic Operations on Files. 6

- (b) Write a program to count words in a text file. 6

**OR**

10. (a) How can files be accessed randomly ? Explain with example. 6
- (b) Explain : 6
- (i) File locking
- (ii) File modes.