

AT-441

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) Explain the programming process in Visual Basic with example. 6
- (b) Write a program in VB to print the following output :

```

1
2 2
3 3 3
4 4 4 4
5 5 5 5 5

```

6

OR

2. (a) Explain the elements of Visual Basic Environment. 6
- (b) Explain for loop structure in Visual Basic with example. 6
3. (a) Explain the following :
- (i) Line Control
- (ii) Shape Control. 6
- (b) Explain the need for common dialog box. 6

OR

4. (a) Explain the difference between picture box control and image control with example. 6
- (b) What is class ? Explain the procedure for creating and using classes. 6

5. (a) Explain msgbox() with name constant and style value. 6
 (b) Explain the following functions with example :
 (i) len()
 (ii) left()
 (iii) Asc()
 (iv) Least() 6

OR

6. (a) What is public and private procedure ? What are the differences between them ? 6
 (b) What a VB program to print the following output :
 C
 C O
 C O M
 C O M P
 C O M P U
 C O M P U T
 C O M P U T E
 C O M P U T E R 6

7. (a) Explain forms collection and its accessing using subscripts. 6
 (b) Explain the methods to print the forms. 6

OR

8. (a) Explain the difference between single document interface and multiple document interface with example. 6
 (b) Explain various events and methods. 6
 9. (a) Explain working with random access file with example. 6
 (b) Explain the following :
 (i) File locking
 (ii) File modes. 6

OR

10. (a) Explain the following with example :
 (i) input # statement
 (ii) print # statement. 6
 (b) Write a program to count words in text file. 6