

Roll No.

187-N

**B. A./B. Com./B. Sc. (Part D)
EXAMINATION, 2017**

(New Course)

(Vocational Course)

COMPUTER APPLICATION

Paper Third

(Programming and Data Structure)

Time : Three Hours] [Maximum Marks : { B. A. : 25
B. Com./B. Sc. : 50

Note : Attempt questions from all Sections as directed.

Inst. : The candidates are required to answer only in serial order. If there are many parts of a question, answer them in continuation.

Section—A

(Short Answer Type Questions)

Note : Attempt all questions for B. Com. and B. Sc. Each carries 3 marks. For B. A. attempt only three questions and each question carries 3 marks.

1. (A) Write a brief account of Control statements.
- (B) Write a note on pointers.
- (C) What do you understand by library functions ?

- (D) Define Sorting.
- (E) Explain linked list.
- (F) Write a note on Applications of Binary tree.

Section—B

(Long Answer Type Questions)

Note : Attempt any two questions. For B. A. each question carries 4 marks and for B. Sc./B. Com. each question carries 8 marks.

2. Explain do while with example.
3. What is Flashing ?
4. WAP to print square of given n numbers.
5. WAP to print Fibonacci series of n numbers.

Section—C

(Long Answer Type Questions)

Note : Attempt any two questions. For B. A. each question carries 4 marks and for B. Sc./B. Com. each question carries 8 marks.

6. Write 2500 data types in 'C'.
7. Write a note on searching.
8. 'C' is an 'OOP' language. Justify.
9. Define the following :
 - (a) FIFO
 - (b) Stacks

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