

**SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)**

**(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai — 600 044.**

M.Com.(CS) - END SEMESTER EXAMINATIONS APRIL - 2022

SEMESTER - III

19PMCCE3003 - Computer Application in Business (Theory & Practical)

Total Duration : 3 Hrs.

Total Marks : 60

Section A

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Define computer. Explain in detail about digital computer system.
2. Convert the following decimal number into its equivalent octal number.
a. $(6689)_{10}$ b. $(56689.8)_{10}$
3. Define Operating System. Describe in detail about functions of operating systems.
4. Enumerate the different type's operating system structure and explain in detail.
5. Define the term 'Data Processing'. What are the steps to be followed in data processing?
6. What is network topology? Discuss about the different network topologies.
7. Write short notes on (i) Operators in C (ii) Expressions in C.
8. Discuss about the various control statements with an example.

Section B

Part A

Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Convert the following decimal number into its equivalent Binary number.
a. $(4096)_{10}$ b. $(321.84)_{10}$ c. $(1234.09)_{10}$ d. $(23456.78)_{10}$
10. What is DOS? Explain in detail about Internal and External DOS commands.
11. Write a C program to find the factorial value of "N" number (using for loop).
12. Define Array. Explain in detail about types of an array with example.

Part B

Compulsory question ($1 \times 10 = 10$ Marks)

13. What is function? Describe in detail about call by value and call by reference with an example.
