

(Or)

7. What is DOS ? What are internal commands and external commands ? List any five internal and external commands with proper explanation ?

(Or)

8. What do you understand by MS-WORD and MS-EXCEL ? Explain features of MS-WORD and MS-EXCEL.

(Or)

9. Convert the following :

- (A)  $(89)_{10} = (?)_2$   
(B)  $(110101110)_2 = (?)_{16}$   
(C)  $(16.725)_{10} = (?)_2$   
(D)  $(162)_8 = (?)_{10}$

....

Roll No. ....

Paper Code – BCA 101 (N)

BCA 1<sup>st</sup> Year (Semester-I) EXAMINATION, 2023-24

COMPUTER FUNDAMENTAL & OFFICE

AUTOMATION

PAPER-I

Time : Two Hours]

[Maximum Marks : 75

**Note-** This paper consists of three Section A, B and C.

Carefully read the instructions of each Section in solving the question paper. Candidates have to write their answers in the given answer-copy only. No separate answer-copy (B Copy) will be provided.

### Section-A

#### (Short Answer Type Questions)

**Note-** All questions are compulsory. Answer the following questions as short answer type questions. Each question carries 5 marks.

1. (A) Explain difference between Algorithm and Flow chart.
- (B) What is Cache and Virtual Memory ?
- (C) Differentiate between Mini and Mainframe computer.
- (D) Write an algorithm to find out maximum number between three numbers.
- (E) Explain the following DOS commands : DIR, COPY, MD.
- (F) Draw flowchart to calculate factor of given number.
- (G) What is secondary storage devices ? List some secondary storage devices.
- (H) What is icons and taskbar ?
- (I) What is Operating System ? Explain its Services ?

#### Section-B

##### (Long Answer Type Questions)

**Note-** This section contains four questions from which **one** question is to be answered as long question. Each question carries 15 marks.

2. Define and explain types of Memory.

(Or)

3. What is Windows ? Explain features and types of windows.

(Or)

4. What is flowchart ? What are the various symbols used in flow charting ? Draw a flowchart to calculate the roots of the quadratic equation.

(Or)

5. What do you understand by Van Neumann Architecture ? Explain all components of architecture.

#### Section-C

##### (Long Answer Type Questions)

**Note-** This section contains four questions from which **one** question is to be answered as long question. Each question carries 15 marks.

6. Explain all computer generations with their technology.