

[4]

(a) $(ABC)_{16} = ()_8$

(b) $(1001.011)_2 = ()_{10}$

(c) $(247.65)_8 = ()_{10}$

(d) $(95)_{10} = ()_2$

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

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Roll No.....

Total No. of Questions : 9]

[Total No. of Printed Page : 4]

BCA -101 (N)

Bachelor of Computer Applications

(First Semester)

EXAMINATION, MARCH - 2021

(New Course)

Paper First

**COMPUTER FUNDAMENTAL
AND OFFICE AUTOMATION**

Time : Three Hours.]

[Maximum Marks : 75

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 : All questions are compulsory. Each question carries 3 marks.

1. (a) What is computer & explain its characteristics ?
- (b) Differentiate between Mini and Mainframe computer.

P.T.O.

[2]

- (c) Explain the main features of first generation computers ?
- (d) Define the Terms : Compiler, Interpreter, Assembler
- (e) Write an algorithm to find out maximum number between two numbers.
- (f) What is an operating system ? Explain its services ?
- (g) Explain following DOS commands.
DIR, COPY, MD
- (h) What are Macros in the MS-Word ? What they do?
- (i) Draw a Flow Chart to check whether the given number is positive or negative?

Section-B

(Long Answer Type Questions)

Note : Attempt any 2 questions. Each question carries 12 Marks.

- 2. Explain the memory hierarchy in details.
- 3. Explain all computer generations with their technology.
- 4. Write short notes on :

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- [a] IO.sys
- [b] MSDOS.sys
- [c] Command.com
- [d] Config.sys

- 5. Differentiate between Relative and Absolute cell referencing techniques with the help of a sample data in MS Excel.

Section-C

(Long Answer Type Questions)

Note : Attempt any 2 questions. Each question carries 12 Marks.

- 6. What is flowchart ? What are the various basic symbols used in Flow charting ? Draw a flowchart to calculate the roots of the quadratic equation.
- 7. What is Mail-merge ? Explain all the basic steps involved in Mail-Merge ?
- 8. Convert the following :

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