

AC-230

BCA I Sem. Examination, Dec.-2019

(N.C. CBCS)

C-101

Sub. - Computer Fundamentals and MS-Office.

Time : Three Hours]

[Maximum Marks : 50

[Minimum Marks : 20

Note : Attempt any **five** questions. **All** questions carry equal marks.

1. (a) Explain some of the important characteristics of a computer.

$2\frac{1}{2}+2\frac{1}{2}+2\frac{1}{2}+2\frac{1}{2}$

- (b) Draw a block diagram of computer and explain the functions of the various units.

- (c) Find out the decimal, octal and hexa-decimal equivalent of the following binary numbers:

(i) 11010

(ii) 11011101

- (d) Differentiate between PROM and EPROM.

2. What is an algorithm and flow-chart? What are the various basic symbols used in flowcharting? Illustrate with example. 10

3. (a) Explain the role of an operating system as a resource manager of a computer system. 5+5

- (b) What is DOS? Define internal and external commands.

P.T.O.

4. Write short notes on the following features of MS-Windows :

$2\frac{1}{2} + 2\frac{1}{2} + 2\frac{1}{2} + 2\frac{1}{2}$

(i) Icons

(ii) Taskbar

(iii) Paint

(iv) Notepad

5. (a) What is a word-processing package? Differentiate between portrait and landscape modes of printing. 5
- (b) What is a spreadsheet package? Differentiate among row range, column range and block range of cells in a spreadsheet. 5