

Roll No. ....

**97549**

**M. Sc. Computer Science 2nd  
Semester CBCS  
Examination – July, 2021**

**COMPUTER FUNDAMENTALS (FOUNDATION  
ELECTIVE COURSE)**

**Paper : 16CSAF1**

*Time : Three hours ]*

*[ Maximum Marks : 40*

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*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

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**Note:** Attempt *five* questions in all. Q. No. 1 is *compulsory* and attempt *four* more questions by selecting *one* question from each Unit. All questions carry equal marks.

1. (a) Write any *four* characteristics of computer.
- (b) Convert the decimal number 121 into its binary equivalent.
- (c) What is software ?

- (d) What are the advantages of Window operating system ?
- (e) What is role of Recycle-Bin in Windows ?
- (f) Write any *four* advantages of MS-Word over a typewriter.
- (g) What is search engine ?
- (h) What is computer virus ?

#### UNIT – I

- 2. What is computer ? Explain various components of a computer. What are the limitations of computer ?
- 3. What is an output device ? List various types of output devices and explain any *two* in details.

#### UNIT – II

- 4. What is Memory ? What are its various characteristics ? Also differentiate between RAM and ROM.
- 5. What do you mean by operating system ? Explain various functions of operating system.

#### UNIT – III

- 6. What is Spreadsheet ? Explain the use of following functions by providing their syntax, functionality and an example of each, in the context of MS-excel :

- (i) SUM
- (ii) ABS
- (iii) FACT
- (iv) MOD

7. What do you mean by electronic presentation ? What are its advantages ? Also explain the different ways of creating presentation in MS-Power point.

#### UNIT – IV

- 8. What is computer network ? What are its types ? How do these differ from each other ? Illustrate their use.
- 9. How computers can be helpful in research and business ? Explain.

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