M. Sc. Computer Science 2nd Semester
CBCS Re-appear Examination, July-2022

COMPUTER FUNDAMENTALS

Paper-16CSAF1

Foundation Elective Course

Time allowed : 3 hours]   [Maximum marks : 40

Note : Questions No. 1 is compulsory. Attempt four more questions, selecting one question from each unit.

1. Answer the following questions briefly :

   (a) What is ASCII ?

   (b) Write uses of RAM.

   (c) Explain Page setups in word processing.

   (d) Discuss spell check with examples.

   (e) Explain WAN.

   (f) Write the syntax and use of two DOS commands.

   (g) Explain advantages of system utility software.

   (h) Discuss web browsing. $8 \times 1 = 8$

Unit-I

2. (a) What is computer ? How is it useful and used ? Discuss its classification with examples.   4

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(b) Discuss uses and advantages of various types of input devices with examples. 4

3. Explain the following briefly with suitable examples :

(i) Number systems and their types

(ii) Data processing and its advantages 5,3

Unit-II

4. (a) What is operating system ? How is it useful and used ? Discuss its functions with examples. 4

(b) Discuss uses and advantages of opitical disks with examples. 4

5. Describe the following with examples :

(a) Differentiate between CUI and GUI with their relative merits and demerits.

(b) Five major features of Windows Operating system 3, 5

Unit-III

6. (a) What is spread-sheet ? How is it used and useful ? Explain how functions are used in it with suitable examples. 4

(b) Discuss use and advantages of table handling in word processing. 4

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7. Explain the following with examples :

   (i) Clip arts in PowerPoint presentation

   (ii) Text formatting in word processing.   4 each

Unit-IV

8. (a) What is data communication ? How is it used and useful ? Discuss with examples.   3

   (b) Explain computer applications in research and Education with suitable examples.   5

9. Explain the following with examples :

   (i) Instant messaging and its advantages

   (ii) Search engine and e-mail   3, 5