

97549

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.
- 8×1=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 optical 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

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