

Roll No.

97549

**M. Sc. Computer Science 2nd Sem. CBCS
Examination – May, 2019**

**COMPUTER FUNDAMENTALS (Foundation Elective
Course) (CBCS)**

Paper : 16CSAF1

Time : Three Hours]

[Maximum Marks : 40

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.

Note : Attempt any *five* questions, selecting at least *one* from each Unit. Question No. 1 is *compulsory*. All questions carry equal marks.

1. (a) Explain RAM and ROM. $8 \times 1 = 8$
- (b) What do you mean by transmission modes ?
- (c) Explain the features of spreadsheet.
- (d) What is the uses of magnetic tape ?
- (e) What do you mean by E-Mail ?

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- (f) What do you mean by search engine ?
- (g) How you format the text in a document ?
- (h) What is the uses of anti-virus software ?

UNIT – I

- 2. (a) What is number system ? Explain with suitable example Decimal to Binary conversion. 4
- (b) What do you mean by Output device? Explain two output devices in detail. 4
- 3. What is Computer ? Explain the characteristics and classification of computers in detail. 8

UNIT – II

- 4. What is Software ? Explain its types & role. Also explain the relationship between hardware & software. 8
- 5. (a) What do you mean by Computer Memory ? Explain the concept of cache memory and virtual memory in detail. 4

- (b) What is Operating System ? Explain the characteristics of operating system. 4

UNIT – III

6. What is PowerPoint ? Explain how you prepare a presentation in PowerPoint. Also explain the uses of clip arts in detail. <https://www.haryanapapers.com> 8
7. (a) What is Word Processing ? What are the advantages of Word Processing ? Also explain the various font features available in MS-Word. 4
- (b) What is spreadsheet ? Explain the uses of formula and functions in detail. 4

UNIT – IV

8. (a) What is Computer Network ? Explain the different types of computer networks in detail. 4
- (b) What is computer virus ? Explain its different types in detail. 4

9. (a) What is Internet ? Explain the main applications of internet. 4

(b) Explain the positive and negative impacts of Computer Technology in detail. 4
