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

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

UNIT - II

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

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.
 - (b) What is spreadsheet? Explain the uses of formula and functions in detail.

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.

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

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

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