

Reg. No. :

Name :

First Semester B.Sc. Degree Examination, November 2019

First Degree Programme Under CBCSS

Complementary Course

CS 1131.3/CS 1131.2 : INTRODUCTION TO IT

(For Mathematics and Statistics)

(2016 Admission onwards)

Time : 3 Hours

Max. Marks : 80

SECTION A

(Very Short Answer Type)

One word to maximum of one sentence. Answer **ALL** questions.

1. Name any two input devices.
2. Operating systems fall into the category of _____ software.
3. 1 gigabyte is equivalent to _____ bytes.
4. The general name of the software used for creating slides is called _____ software.
5. A _____ takes analog sound signals and digitizes them.
6. Expand VGA.
7. List out the different types of printers.

P.T.O.

8. C++ is an example for _____ language.

9. The expansion for OMR is _____

10. HTML stands for _____

(10 × 1 = 10 Marks)

SECTION B

(Short Answer)

Not to exceed one paragraph, Answer any **EIGHT** questions.

Each question carries 2 marks.

11. What do you mean by hardware?

12. What is a machine cycle?

13. Give the broad classification of computers.

14. What is the function of CPU?

15. What is an optical storage? Give examples for optical storage devices.

16. What do you mean by system software?

17. Which keys are known as modifier keys in a keyboard?

18. What do you mean by dragging a mouse?

19. What is a voice recognition system?

20. Which are the different number systems and its base?

21. What is the purpose of using LaTeX?

22. What do you mean by system management software?

(8 × 2 = 16 Marks)

SECTION C

(Short Essay)

Not to exceed **120** words, Answer any **SIX** questions.

Each question carries **4** marks.

23. Explain RAM
24. Write short notes on mouse.
25. Differentiate super computer and a microcomputer.
26. Convert the following decimal numbers to binary
(a) $(217)_{10}$ (b) $(8023)_{10}$
27. Write short notes on free open source software.
28. Explain various functions of an operating system.
29. What are the characteristics of a good programming language?
30. Explain the tags used for making a text bold, italics and underline in HTML with examples.
31. Write short notes on email. **(6 × 4 = 24 Marks)**

SECTION D

(Long Essay)

Answer any **TWO** questions.

Each question carries **15** marks.

32. Explain the working of CRT monitors.
33. Describe the various generation of computers.
34. Explain the different types of image scanners.
35. Explain various network topologies. **(2 × 15 = 30 Marks)**