



K18U 2220

Reg. No. :

Name :

I Semester B.C.A. Degree (CBCSS-Reg./Supple./Improv.)
Examination, November 2018
General Course
1A11 BCA : INFORMATICS FOR COMPUTER
(2014 Admn. Onwards)

Time : 3 Hours

Max. Marks : 40

SECTION – A

1. One word answer : (8x.5=4)
- a) Give the full form of EEPROM.
 - b) _____ is the process of starting your computer and loading the operating system.
 - c) $(.8125)_{10}$ is $(\text{---})_2$
 - d) ASCII stands for _____
 - e) Expand ASDL.
 - f) _____ providing content free online to readers.
 - g) The possible and unwanted malicious attempt to damage or disrupt a computer network or system is called _____
 - h) Division by zero is an example for _____ error.

SECTION – B

Write short notes on **any seven** of the following questions : (7x2=14)

- 2. Define instruction cycle.
- 3. Convert $(110100101)_2$ to octal.
- 4. Differentiate multiprogramming and multiprocessing.
- 5. Give two examples for input devices.
- 6. Explain the uses of flow chart.

P.T.O.



7. Differentiate an identifier and key word used in programming.
8. What is phrase search ?
9. Define plagiarism.
10. What is knowledge management ?
11. What is a Trojan ?

SECTION – C

Answer **any four** of the following questions :

(4×3=12)

12. Explain the role of Arithmetic Logic Unit of a computer system.
13. Explain different types of RAM.
14. What are syntax errors ? Explain with an example.
15. Briefly explain functions of an operating system.
16. Explain different online search techniques.
17. With suitable example explain any two privacy issues we faced while using internet and mobile devices.

SECTION – D

Answer **any two** of the following questions :

(2×5=10)

18. Explain in detail the communication between various units of the Central Processing Unit.
 19. Write an algorithm to find the sum of all even numbers and draw the corresponding flow chart.
 20. Write short notes on :
 - a) Patent
 - b) Trademark.
 21. What is cyber ethics ? Explain the need of cyber ethics.
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