**K22U 3393**

Reg. No. : ...................................

Name : ...................................

I Semester B.C.A. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/
Improvement) Examination, November 2022
(2019 Admission Onwards)
GENERAL AWARENESS COURSE
1A11BCA : Informatics for Computer Applications

Time : 3 Hours

Max. Marks : 40

## PART – A
### (Short Answer)

Answer all questions.

(6×1=6)

1. Define the purpose of language translators.

2. Mnemonic codes are used in _____ language.

3. What is meant by one nibble ?

4. Write an example for input devices.

5. Define operating system.

6. What are different types of CPU registers ?

## PART – B
### (Short Essay)

Answer **any 6** questions.

(6×2=12)

7. Differentiate between a compiler and an interpreter.

8. Define computer network.

9. Differentiate between ROM, PROM and EPROM.

10. Write the command to implement the following in Linux to (a) copy a directory
(b) to list files in the current directory.

11. What are the three types file access permission in Linux ?

12. What is meant by digital divide ?

13. What are the categories of cybercrimes ?

14. What is cyber addiction ? List various types of cyber-addictions.

## PART – C
### (Essay)

Answer **any 4** questions. (4×3=12)

15. Explain various types of language translators.

16. Analyze the memory hierarchy in terms of speed, size and cost.

17. What are the basic different functions of an operating system ?

18. Discuss privacy issues in cyberspace.

19. What is the vi editor in Linux ? List the command used to manipulate a file in vi editor.

20. Discuss cyber laws.

## PART – D
### (Long Essay)

Answer **any 2** questions. (2×5=10)

21. Explain, in brief, the characteristics of a good programming language.

22. What are different types of operating system ? Explain them in detail.

23. With a neat diagram explain the organizations of a computer.

24. List the commands used in Linux for file handling. Explain each with example.