



K20U 3294

Reg. No. :

Name :

**I Semester B.C.A. Degree CBCSS (OBE) Reg./Sup./Imp.
Examination, November 2020
(2019 Admn. Onwards)
GENERAL AWARENESS COURSE
1A11BCA : Informatics for Computer Applications**

Time : 3 Hours

Max. Marks : 40

**PART – A
(Short Answer)**

(Answer **all** questions. **Each** carry 1 mark.)

1. _____ is a software that translates a source program into object program.
2. What do you mean by length of a register ?
3. Define operating system.
4. What is the purpose of count p command in Linux ?
5. The x command is used with vi editor to _____
6. What are cookies ? (6×1=6)

**PART – B
(Short Essay)**

(Answer **any six** questions. **Each** carry 2 marks.)

7. Assembly language programs are machine dependent. Justify.
8. What is a magnetic disk ?
9. What is seek time ?
10. What is plotter ? What are the two types of plotters ?

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11. What is NIC ?

12. What is Bash ?

13. Describe echo in Linux.

14. Name any two mobile data transfer technologies.

(6×2=12)

PART – C
(Essay)

(Answer **any four** questions. **Each** carry **3** marks.)

15. What are the characteristics of a good programming language ?

16. Differentiate between primary and secondary memory.

17. Give a brief explanation on memory hierarchy.

18. Explain mv, cp and rm commands.

19. Explain the layered architecture of Linux in brief.

20. How does antivirus software work ?

(4×3=12)

PART – D
(Long Essay)

(Answer **any two** questions. **Each** carry **5** marks.)

21. Explain the guidelines for proper usage of computers.

22. Explain the basic computer organization with a neat diagram.

23. What are the different types of OS ? Explain.

24. Write short notes on :

a) Phishing

b) Trojan Horses

c) Cyber Addiction.

(2×5=10)