



K23U 4044

Reg. No. : .....

Name : .....

I Semester B.C.A. Degree (CBCSS – OBE – Regular / Supplementary /  
Improvement) Examination, November 2023  
(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. What is system software ?
2. Give examples of optical storage devices.
3. What is a CPU register ?
4. What do you mean by shell ?
5. What is meant by hardware ?
6. What is Linux ?

PART – B  
(Short Essay)

Answer any 6 questions.

(6×2=12)

7. What are the characteristics of secondary storage devices ?
8. Differentiate Input and Output devices. Give examples for each.
9. What are the common environment variables in Linux ?

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10. Explain machine level language.
11. What is meant by 'Digital Divide' ?
12. What are the types of Operating Systems ?
13. List the functions of computers.
14. Define the following terms :
  - a) free software
  - b) open source.

PART - C  
(Essay)

Answer any 4 questions.

(4×3=12)

15. What are the features of good language ?
16. What are Hub, Switch and Router ? What is their use ?
17. Explain ROM and its types.
18. What is Mounting in the Linux Filesystem ?
19. Briefly explain any two hardware/software.
20. What are the points on which cyber ethics focuses ?

PART - D  
(Long Essay)

Answer any 2 questions.

(2×5=10)

21. Explain in detail the basic units of the Von Neumann model.
  22. What are Linux file permissions ? Explain in detail.
  23. Write a short note on operating systems and its features.
  24. What are the major areas of cyber laws ?
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