



Reg. No. :

Name :

**I Semester BCA Degree CBCSS(OBE) - Regular
Examination, November - 2019
(2019 Admission)
General Awareness Course
1A11 BCA : INFORMATICS FOR COMPUTER APPLICATIONS**

Time : 3 Hours

Max. Marks : 40

PART - A (Short Answer)

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

(6×1=6)

1. Hardware refers to
2. What is an assembler?
3. What are the two basic components of CPU?
4. What is a process?
5. The name "Linux" is derived from its inventor
6. Expand ISP

PART.- B (Short Essay)

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

(6×2=12)

7. What is input interface? How does it differs from an output interface?
8. What are the features of a compiler?
9. What is cache memory?
10. What is a computer network? How it is useful?
11. What is an output device. What are the different categories?
12. Write commands for the following
 - a) Display current directory
 - b) List all the files in your home directory
 - c) Create a directory newdir in your home directory
 - d) Remove the directory newdir
13. What is open source software?
14. What is RSI? What is the leading cause of RSI?

P.T.O.

**PART - C (Essay)**

(Answer any **four** questions. Each carry **3** marks) (4×3=12)

15. Explain the functions of control unit in detail.
16. What is PROM? What are the different types of PROM?
17. Differentiate between a mechanical and an optical mouse.
18. Explain the use of man pages on Linux computer?
19. What are firewalls? How does it secure you in cyber world?
20. How can you prevent yourself from identity theft?

PART- D (Long Essay)

(Answer any **two** questions. Each carry **5** marks) (2×5=10)

21. Give a detailed description on high level languages. Name any five high level languages
 22. Write an essay on magnetic disks.
 23. What are the important functions of operating system. Explain.
 24. Write short notes on :
 - a) Application Software
 - b) Free software movement
 - c) Cyber Crime
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