Reg. No. : ....

Name : ....

I Semester B.C.A. Degree (CCSS – Regular) Examination, November 2014
(2014 Admn.)
GENERAL COURSE
1A11 BCA : Informatics for Computer Application

Time : 3 Hours   Max. Marks : 40

SECTION – A

Answer **all** questions :

1. One kilobyte is equal to _____ bytes.

2. At the time of program execution, the instruction read from the memory unit is placed in _____ register of CPU.

3. _____ is a program that translates an assembly language program into its machine language equivalent.

4. MICR stands for _____

5. _____ is an optical storage device.

6. C language is a _____ generation programming language.

7. The outcome of data processing is _____

8. The practice of taking someone else's work or ideas and passing them off as one's own is known as _____

(8×.5=4)

SECTION – B

Write short notes on **any seven** :

9. Distinguish between digital computers and analog computers.

10. What do you mean by a high level language ?

11. What is PROM ?

12. Define operating system.

13. List two popular programming paradigms.

14. List any two optical storage devices.

15. What are the functions of an input unit ?

16. List various generations of programming languages.

17. Differentiate between LAN and WAN.

18. What do you mean by the term "digital divide". **(7×2=14)**

SECTION – C

Answer **any four** of the following :

19. Differentiate between low-level and high-level languages.

20. Compare compilers and interpreters.

21. Explain any two magnetic storage devices.

22. What do you mean by a multi-programming operating system ?

23. Explain basic concepts of IPR.

24. Write short notes on cyber threats. **(4×3=12)**

SECTION – D

Write an essay on **any two** of the following :

25. Draw the block diagram of a computer and explain various functional units.

26. Discuss major features of internet.

27. Write short notes on :

    a) Different functions of an operating system.

    b) Different program control structures.

28. Briefly explain about :

    a) Use of IT in teaching and learning.

    b) Privacy issues in Information Technology. **(2×5=10)**