Reg. No.: ....

Name: ....

I Semester B.C.A. Degree (C.B.C.S.S. – Reg./Supple./Improv.) Examination, November 2017
General Course
1A11 BCA : INFORMATICS FOR COMPUTER APPLICATION
(2014 Admn. Onwards)

Time : 3 Hours

Max. Marks : 40

SECTION – A

1. **One** word answer. (8x.5=4)

   a) Give the full form of LSI.

   b) Name the primary memory which is volatile.

   c) $(.375)_{10}$ is (_____)$_2$.

   d) UNICODE stands for _____.

   e) Expand SEO.

   f) Magnetic ink character reader is an example for _____ device.

   g) In a multiprogramming OS, the number of jobs residing in the memory is called _____.

   h) _____ memory lies between main memory and CPU to speed up the execution.

SECTION – B

Write short notes on **any seven** of the following questions. (7x2=14)

2. What is booting ?

3. Convert $(.1101)_2$ to octal.

4. Define Real Time Operating System.

5. What is an output device ?

6. Explain the uses of algorithm.

7. Differentiate a constant and variable used in programming.

8. Differentiate Data and Information.

9. What is a compiler ?

10. Define threat.

11. Differentiate virus and worm.

SECTION – C

Answer **any four** of the following questions. (4×3=12)

12. Explain the function of Control Unit.

13. Explain the activities of Operating System as a Resource Manager.

14. List and briefly explain the characteristics of a good program.

15. Differentiate Run Time error and Logical Error.

16. Briefly explain any three methods used for accessing internet.

17. Write on any three guidelines we required to follow for the proper usage of computers.

SECTION – D

Answer **any two** of the following questions. (2×5=10)

18. Briefly explain various types of memory.

19. Write an algorithm to find the sum of all odd numbers and draw the corresponding flow chart.

20. Write short notes on :
    a) Copyright
    b) Tradesecret.

21. What is computer crime ? Explain various roles of computer in crime.

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