Reg. No. : ....

Name : ....

K19U 3220

I Semester B.C.A. Degree (CBCSS- Supplementary./Improvement)

Examination, November-2019

(2014 -2018 Admissions)

GENERAL COURSE

1A11 BCA: INFORMATICS FOR COMPUTER APPLICATION

Time : 3 Hours

Max. Marks : 40

SECTION - A

One word answer.

(8×½=4)

1. a) USB stands for --------------

   b) -------------- is a set of programs that helps to run the computer and co-ordinates hardware, software, processor and system's memory.

   c) The two major components of the CPU are ----------- and ---------.

   d) The main printed circuit board in a computer is known as ------------.

   e) Computers with artificial intelligence appeared in ------------ generation.

   f) ----------------- are software programmes or hardware devices designed to keep computers safe from Hackers.

   g) Dot matrix printer is an example for ------------- printer.

   h) Too much use of computer and Internet is ------------------.

SECTION - B

Short notes on **ANY SEVEN** of the following questions.

(7×2=14)

2. What is cache memory?

3. Convert binary to octal : $(010111)_2$

P.T.O.

4. What are the limitations of computers?

5. Distinguish data and information.

6. What is the use of operating system? Name two OS for PCs.

7. List the types of ROM.

8. Define instruction cycle.

9. What is the function of Program Counter?

10. What is digital divide?

11. What is the use of plagiarism software?

SECTION - C

Answer **ANY FOUR** of the following questions. (4×3=12)

12. Write short note on programming languages.

13. Describe different pointing systems.

14. Discuss IPR.

15. Draw a flow chart to find the average of three numbers.

16. Write a note on Cyber security.

17. Draw and explain memory hierarchy.

SECTION - D

Write an essay **ANY TWO** of the following questions. (2×5=10)

18. Discuss the coding schemes in computers.

19. Explain the various academic search techniques.

20. Describe the program control structures.

21. Explain the magnetic and optical secondary storage structures.

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