Reg. No. : ....

Name : ....

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

Examination, November - 2019

(2014-2018 Admissions)

COMPLEMENTARY COURSE IN COMPUTER SCIENCE

1C01 CSC: FUNDAMENTALS OF COMPUTERS AND PROGRAMMING LANGUAGES

Time : 3 Hours   Max. Marks : 32

SECTION - A

1. One word answer.   (6×½=3)

   a) What is the maximum storage size of a floppy disk?

   b) Write down name of any one CD/DVD burning software.

   c) Which tells about the number of symbols or digits used in a number system?

   d) A program acts as a mediator between the user and the hardware is called

   e) Which of the following doesn't come under the guided media?

      i) Optical fibre

      ii) Coaxial cable

      iii) Microwave

      iv) Twisted pair

   f) In a batch processing system, a sequence of jobs is called_____

SECTION - B

Write short notes on ANY **Five** of the following questions.   (5x2=10)

2. What are the disadvantages of first generation computers?

3. What are the characteristics of computers?

P.T.O.

4. What are EBCDIC codes?

5. Differentiate compiler and interpreter.

6. What are the disadvantages of star topology?

7. What is the use of file extensions?

8. What is sequential control structures?

9. What are the advantages of computer network?

SECTION - C

Write short notes on ANY **THREE** of the following questions. (3x3=9)

10. Write notes on system bus.

11. What is positional number system?

12. What are the pros and cons of optical fibre cable?

13. Compare ring and star topologies.

14. What is meant by programming paradigm?

SECTION - D

Write short notes on ANY **TWO** of the following questions. (2x5=10)

15. Explain the classes of computers based on its operating principles.

16. Explain different types of system softwares.

17. What are computer networks? Discuss the types of networks.

18. Explain program development life cycle.

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