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K19U 3173

Reg. No. : .....

Name : .....

I Semester B.Sc. Degree (CBCSS-Supplementary / Improvement) Examination, November - 2019

(2014-2018 Admissions)

CORE COURSE IN COMPUTER SCIENCE

1B01CSC : INTRODUCTION TO COMPUTER AND PROGRAMMING LANGUAGES

Time : 3 Hours Max. Marks : 40

SECTION - A

1. One word answer (8x½=4)
   a) Who developed ENIAC?
   b) Which register is used for short-term, intermediate storage of arithmetic and logic data in a computers CPU?
   c) Expand RAID
   d) The syntax and semantic errors in the program are checked in -------- phase
   e) How many bits are required to represent long double?
   f) Which conversion specifier is used to print integers in hexadecimal form?
   g) A statement consist of only a semicolon and performs no operations.
   h) Which describes the rights given to authors/creators of certain categories of work?

SECTION - B

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

2. Differentiate primary and secondary memory
3. What is the purpose of trackball?
4. What is meant by testing and debugging?
5. What are the advantages of high level languages?
6. What is the basic structure of a C program?
7. What is the use of continue and break statement?
8. What is dangling else program?

P.T.O.

9. What are cyber addictions?
10. What are the new threats in the IT industry?
11. What are fundamental data types?

SECTION - C

Write short notes on any **FOUR** of the following questions. **(4x3=12)**

12. Discuss the classification of computers according to functionality.
13. What are the properties of an algorithm?
14. Discuss *switch* statement in C.
15. Give the importance of IT in teaching and learning.
16. Explain data types in C.
17. Explain top-down design with the help of an example.

SECTION - D

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

18. Explain different data representation in computers.
19. Discuss the characteristics of a good computer program.
20. Discuss the different types of operators used in C.
21. Discuss different internet access methods.
