19U221   (Pages: 2)   Name   : ....

                                                             Reg.No : ....

SECOND SEMESTER B.Sc./B.C.A. DEGREE EXAMINATION, APRIL 2020

(CBCSS - UG)

CC19U BCS2 B02 / CC19U BCA2 B02 : PROBLEM USING C

(Computer Science/Computer Application - Core Course)

(2019 Admission - Regular)

Time: 2.00 Hrs   Max. Marks: 60

                                                                        Credit: 3

(Draw diagram wherever necessary.The students can answer all questions in sections A & B)

A. Short answer questions. Each question carries 2 marks.

1. Write a c program to print message with double quotes - "hello"?

2. Describe the types of Constants.

3. What is the result of the expression 14%-5? Explain it.

4. Write a program to determine whether a given number is odd or even and print the message.

5. What is the general form of printf statements?

6. Write a c program to read a single character from keyboard using getchar() and gets() function?

7. Explain declaration of one-dimentional array with example.

8. How is string variables declared?Give example?

9. Define user defined function. Explain with example.

10. Differentiate structure and union ?

11. What is a Pointer? Explain its Advantages.

12. How to close a data file in C ?

                                                             (Ceiling: 20 Marks)

B. Short essay questions (Paragraph). Each question carries 5 marks.

13. What are the data types and qualifiers used in C?

14. Explain in detail the increment and decrement operators and conditional operators in C.

15. Distinguish between implicit and explicit type casting.

16. Explain entry and exit controlled loops in C with example.

17. Discuss the different storage classes in C.

18. Write a program using pointers to determine the length of a character string.

19. Explain the concept of pointers and structures with suitable example.

(Ceiling: 30 Marks)

C. Essay questions. Answer any one question.

20. Narrate the Control Structures with various types.

21. Discuss the use of pointers in accessing one dimensional array elements.

(1 × 10 = 10 Marks)

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