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Name.....

Reg. No.....

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

(CBCSS—UG)

Computer Science

BCS 2B 02-PROBLEM SOLVING USING C

(2019 Admissions)

Time: Two Hours

Maximum: 60 Marks

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Section A (Short Answer Type Questions)

Answer all questions.

Each correct answer carries a maximum of 2 marks.

Ceiling 20 marks.

- 1. What is an array?
- 2. What is the purpose of break statement?
- 3. How will you create infinite loops in C?
- 4. What is the use of fscanf() function?
- 5. What is a null pointer?
- 6. What is the difference between actual parameters and formal parameters?
- 7. What are the uses of functions in C?
- 8. List the storage classes specified in C.
- 9. What is typecasting?
- 10. Explain the logical operators in C.
- 11. What is static memory allocation in C?
- 12. Explain exit controlled loop in C.

Section B (Short Essay Type Questions)

Answer all questions.

Each correct answer carries a maximum of 5 marks.

Ceiling 30 marks.

- 13. Write a C program to reverse a number.
- 14. Explain for loop with an example.
- 15. Write a C program to sort n names.

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- 16. Explain various modes for opening a file.
- 17. Write a C program to find sum of N numbers using dynamic memory allocation.
- 18. Explain with an example for illustrating call by value in a function.
- 19. Explain union with an example.

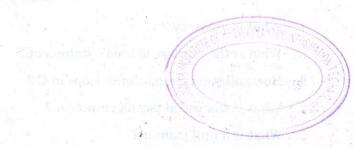
Section C (Essay Type Questions)

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Answer any one question.

Correct answer carries 10 marks.

- 20. Explain if statement, if else statement and nested if with syntax and examples.
- 21. Explain with an example, how will you create and access a structure in C.



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Explain the forces operators to C.
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