

C 82419

(Pages : 2)

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

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.

Turn over

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)

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.

