



December 2020

2020/UG
R

JUSTICE BASHEER AHMED SAYEED COLLEGE FOR WOMEN (*Autonomous*),
CHENNAI – 600 018

III SEMESTER (Regular)-Applicable to candidate admitted in the
year 2017

II B.Com Information System Management

Programming in C QPSIIC7(3)

TIME: 90 Minutes

MAXIMUM MARKS : 50

The first ten minutes should be used for reading the question paper only. The students should not begin to answer the questions in the first ten minutes.

Section - A

Answer all the questions.

15 Marks

I. Fill in the blanks

(5 X 1 = 5 Marks)

1. When a function calls itself again and again, it is called _____
2. An array is a collection of data elements of the same _____
3. _____ is the built-in library function to compare two strings.
4. Dynamic allocation of memory is done by _____ operator.
5. Each string is terminated with a _____ character.

II. Choose the correct answer

(5 X 1 = 5 Marks)

6. Which of the following statements should be used to obtain a remainder after dividing 3.14 by 2.1 ?
 - a) `rem = 3.14 % 2.1;`
 - b) `rem = modf(3.14, 2.1);`
 - c) `rem = fmod(3.14, 2.1);`
 - d) Remainder cannot be obtain in floating point division.
7. Which of the following special symbol allowed in a variable name?
 - a) * (asterisk)
 - b) | (pipeline)
 - c) - (hyphen)
 - d) _ (underscore)
8. By default a real number is treated as a -----
 - a) Float
 - b) Double
 - c) long double
 - d) far double
9. When we mention the prototype of a function?
 - a) Defining
 - b) Declaring
 - c) Prototyping
 - d) Calling
10. Enumeration is ----- data type.
 - a) Integer
 - b) register
 - b) Userdefined
 - d) auto



December 2020

2020/UG
R

JUSTICE BASHEER AHMED SAYEED COLLEGE FOR WOMEN (*Autonomous*),
CHENNAI – 600 018

III SEMESTER (Regular)-Applicable to candidate admitted in the
year 2017

II B.Com Information System Management

Programming in C QPSIIC7(3)

III. Answer the following in One or Two Sentences

(5 X 1 = 5 Marks)

11. Write any 2 rules to declare variables.
12. Define an array.
13. State any two functions of recursion.
14. What is Symbolic constant?
15. Write a C program to find the factorial of a given number using function.

IV. Section – B

(3 x 5 = 15 Marks)

Answer any three question All questions carry equal marks.(Each answer should not exceed 150 words)

16. Explain Scanf() and Printf() with examples.
17. Differentiate between if statement and switch –case statement with an example
18. Discuss any two ways to pass arguments to a function.
19. Write short notes on Multidimensional array.
20. Explain structure in C with example.

V. Section – C

(2 x 10 = 20 Marks)

Answer any two questions. All questions carry equal marks.(Each answer should not exceed 300 words)

21. Elaborate different types of operators available in C with example.
22. Discuss control statements in C with suitable example.
23. Elucidate string functions available in C with example.
24. Explain file operations in C.

All the Best