

F-5068

Sub. Code

7BCEA3

U.G. DEGREE EXAMINATION, APRIL 2021 &

Supplementary/Improvement/Arrear Examinations

Computer Science

Allied – PROGRAMMING IN C

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 60 Marks

Part A

(10 × 1½ = 15)

Answer **all** questions.

1. What are C tokens?
2. Define logical operators.
3. Give the difference between scanf() and gets() function.
4. Compare break and continue statement.
5. Give an example of initialization of string array.
6. Define null character.
7. List the elements of user defined function.
8. What is union?
9. How to access variable through its pointer?
10. Why files are needed?

Part B

(5 × 3 = 15)

Answer **all** questions, choosing either (a) or (b).

11. (a) Write the structure of C program.

Or

- (b) Write a program to multiply and divide the given two numbers.

12. (a) Write the syntax for else if ladder with example.

Or

- (b) Compare while and do..while statement.

13. (a) What is dynamic? How it is initialized?

Or

- (b) Write a program to find whether a given string is palindrome or not.

14. (a) What is call by value and call by reference? Explain.

Or

- (b) Discuss about structures with example.

15. (a) Write a short note on pointers arithmetic.

Or

- (b) Give a note on command line argument.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Describe about arithmetic expression and its evaluation.
 17. Explain switch statement with example.
 18. List and explain string handling functions.
 19. Explain various categories of arguments and return types of functions.
 20. Discuss on Error handling during I/O operations.
-