A–10184	Sub. Code
	4BCAA2

U.G. DEGREE EXAMINATION, APRIL 2021 &

Supplementary/Improvement/Arrear Examinations

Computer Applications

Allied- PROGRAMMING IN C

(CBCS – 2014 onwards)

Time : 3 Hours Maximum : 75 Marks

Part A (10 × 2 = 20)

Answer **all** questions.

1. Give the rules for creating a identifier.

2. Draw the flowchart for nest it else statement.

3. What do you mean by static array and dynamic array?

4. Write the limitations of using getchar.

5. What are the characteristics of using modular programming.

6. In what a structure differ from an array?

7. What is pointer?

8. What do you mean by call by reference

9. State the different modes of files?

10. What is # pragma directive?

Part B   (5 × 5 = 25)

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

11. (a) Write a C program to convert a give number of days into months and days.

    Or

    (b) Explain switch statement with C code.

12. (a) How will you initialize one –dimensional array (both compile time and runtitive)

    Or

    (b) Write a note on (i) strncpy (ii) Strncmp (iii) strneat (iv) strstr

13. (a) Briefly discuss the scope, visibly and lifetime of variables.

    Or

    (b) Write short notes an arrays of structures.

14. (a) What is a pointer? How will you declare the pointer variables.

    Or

    (b) Explain briefly an pointer expression and give suitable example.

15. (a) Write short notes on command-line arguments

    Or

    (b) Briefly give a note on file inclusion.

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Part C   (3 × 10 = 30)

Answer any **three** questions.

16. Explain cooping statements with necessary code.

17. Develop a C program using two –dimensional array.

18. Discuss various categories of functions.

19. Using pointer parameters, Write a function that compares, two integer arrays to see whether they are identical. The function returns 1 if they identical, O otherwise.

20. Explain how the files are accessed randomly.

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