

F-1741

Sub. Code

7BSOA3

U.G. DEGREE EXAMINATION, APRIL 2019

Software

Allied — C PROGRAMMING

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. List the rules for naming a variable.
2. Write the use of Modules operator.
3. What is decision making statement?
4. Comment on scanf function.
5. Define the term Array.
6. What are global variables?
7. Comment on Auto Classes.
8. Write the use of sizeof operator.
9. What is a file?
10. Comment on 'typedef'.

Part B**(5 × 5 = 25)**

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

11. (a) Write short notes on expression.

Or

- (b) Explain the priority of arithmetic operators with an example.

12. (a) Write a program to find the biggest among the given three values.

Or

- (b) Give a brief note on 'for' statement.

13. (a) Write short notes on conditional arrays.

Or

- (b) Explain built-in functions.

14. (a) Explain the concept of pointers.

Or

- (b) Give a brief note on period operator.

15. (a) Explain standard input and output statements.

Or

- (b) Write short notes on register and external variables.

Part C $(3 \times 10 = 30)$

Answer any **three** questions.

16. Discuss the data types in detail.
 17. Write a program to print the prime numbers in between 1 and 100.
 18. Write a program using functions with multiple parameters.
 19. Elucidate Structure with suitable example.
 20. Describe conditional preprocessor with suitable example.
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