

APRIL/MAY 2019

BEL33 — PROGRAMMING IN C

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What are the rules for identifier?
2. What does static variable mean?
3. What do you mean by conditional or ternary operator?
4. What is the function type?
5. Define Looping in C.
6. What are the differences between structures and arrays?
7. What is structure?
8. Write the general form of declaration of a union.
9. Mention the general format for closing file.
10. Write the need of bitwise operation.



SECTION B — (5 × 5 = 25 marks)

Answer ALL the questions.

11. (a) Discuss the declaration of variables.

Or

- (b) Explain the input-output statements.

12. (a) Illustrate the do-while loop with an example.

Or

- (b) Explain the process of recursion.

13. (a) Describe the initialization of one dimensional array.

Or

- (b) Explain the declaration of structure variables

14. (a) Outline the arrays of structures with the example.

Or

- (b) Write a program to initialize one person data and display the same.



15. (a) Outline the input - output operations on files.

Or

- (b) Discuss the bitwise operations.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the data types.

17. Discuss the given below

- (a) break

- (b) continue

- (c) go to statements

18. Describe how pointer variable is declared.

19. Explain how a variable is declared as array of structure.

20. Describe the followings

- (a) Input - output operations on files

- (b) C preprocessor