

PART C — (5 × 8 = 40 marks)

Answer ALL questions, by choosing either (a) or (b).

16. (a) Discuss about relational and logical operators.

Or

- (b) Explain how to manage input and output operations?

17. (a) Write a program to calculate mark list of a student with five subjects.

Or

- (b) Describe the various types of looping statements.

18. (a) Explain about the various types of arrays.

Or

- (b) Discuss about the string handling functions.

19. (a) Describe the categories of functions.

Or

- (b) Write detail notes on array of structures.

20. (a) Write detail notes on pointer expressions.

Or

- (b) Discuss about the file management in C.

Reg. No. :

Code No. : 21205

Sub. Code : SMCS 11/
SMSE 11

B.Sc. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2017.

First Semester

Computer Science — Main

PROGRAMMING IN C

(For those who joined in July 2017 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. _____ is a character constant used for a back space.

- (a) \n (b) \r
(c) \s (d) \b

2. _____ is used to check and list errors.

- (a) Interpreter (b) Compiler
(c) Assembler (d) Processor



3. _____ is an example of derived data type.
 (a) Integer (b) String
 (c) Array (d) Double
4. _____ loops are entry controlled loop.
 (a) for and while (b) while and do...while
 (c) for and do...while (d) for and for...each
5. The subscript of an array is otherwise called as _____.
 (a) Value (b) Domain
 (c) Index (d) String
6. Which used to transfer the control from one portion to the other portion of the program?
 (a) Arguments (b) Parameters
 (c) Function all (d) Function definition
7. _____ is a combination of different data types.
 (a) Structure (b) Array
 (c) Pointer (d) Control structure
8. _____ symbol used to define pointers.
 (a) & (b) <<
 (c) * (d) +
9. _____ data types do not create copies.
 (a) Structure (b) Local
 (c) Static (d) Simple
10. _____ is used to read a character into a file.
 (a) getfile() (b) getchar()
 (c) getc() (d) gettext()

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PART B — (5 × 5 = 25 marks)

Answer ALL questions, by choosing either (a) or (b).

11. (a) Write short notes on character sets.

Or

- (b) Discuss about bitwise operators.

12. (a) State the different types of branching statements.

Or

- (b) Write a C program to find the greatest among three numbers.

13. (a) Write short notes on arrays and its types.

Or

- (b) Explain how to declare and initialize string variables?

14. (a) State the uses of user defined functions.

Or

- (b) Write short notes on union.

15. (a) Explain how to access the address of the variable?

Or

- (b) Write short notes on error handling during I/O operations.

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