PART-A

1. Evaluate the arithmetic expression 3 / 2 * 4 + 3 / 8 + 3.
2. What is conditional operator?
3. List any two elements of function.
4. What are the type conversion techniques in C programming?
5. List any two storage classes in C.
6. Write the syntax for function declaration.
7. Define structure in C.
8. State the use of a structures in C.

PART-B

9(a). Write an algorithm to find the sum of first 'n' natural numbers.

----- OR -----

9(b). How to pass two dimensional arrays to function.

10(a). Write the syntax and working of strcmp() function with an example.

----- OR -----

10(b). Write a C program to access structure members.

11(a). Write about function with arguments and with return value.

----- OR -----

11(b). Write any three advantages of functions.

12(a). Differentiate structure and union.

----- OR -----

12(b). Explain how to find size of a union.

PART-C

13(a). Write the algorithm for finding the gratest of three numbers.

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13(b). Write a C program to use recursive function to find Fibonacci series.

14(a). Write a program to concatenate two strings without using strcat() function.

----- OR -----

14(b). Explain creation, initialization of the structure and accessing of structure members.

15(a). Write a C program to find the sum of three numbers using function with no arguments and with return value.

----- OR -----

15(b). Write a C program to swap the two numbers using function with arguments and no return value.

16(a). Explain nested structure with an example program.

----- OR -----

16(b). Write a C program that define a structure template that could be used to store name, address, and telephone number.