1. Write an algorithm and draw a flow chart to find out the sum of the following series. page-16 (1.19)

$$1 + 3 + 5 + 7 \cdots + N \text{ terms}$$

2. page-36.

    ✓ Why and when do we use the # define directive

    ✓ why and when do " " " # include directive

    ✓ What does void main(void) main?

    ✓ Why do we need to use comments in programme.

    ✓ Describe the structure of a c programme.

Ex: 2.1, 2.2, 2.3 (error findings).

<u>page - 65</u>

    ✓ describe the four basic datatypes.

3.9 ✓ How to do could we describe the range of value.

3.2 ✓ what is a variable, what does →

3.8 ✓

* what is operator in C language

N.V.I ® How many, number of chatagories of C language operator

㉒ * Explain the comma operator and sizeoff operator with suiteable example.

* (84+85) what do you mean by type conversim expression.

* Differentiate between incresive and excresive type convensia

(95) (4.10) (4.11)

[programme answer output দিতে হবে]

* Explain formatted input and output with seitable example.

* what are the perposes of scanf and printf function,

* write down the rules for switch statement.

* write a C program to use goto statement.

* write a C program using nasted for loops

* He (186-187) → write a C program to build a pinam pyramid.

using

* write a C program with goto and break statement.

2130 Data structure

(II) what is one dimentional and two dimentional array, explain with example.

(III) write a program to transpose of a matrix.

(IV) Explain what is dinamic array. (V.II) (238)

(V) what is string, How to read from string), from terminal (keyboard).

272 (VI) State the action for the following function.

Chapter—10

(I) what is user define function, what are the necessity for user define function.

(II) what is modular programming — (293)

(III) write down some characteristics of modular programming.

(IV) State the elements of user define function.

(V)

① Recursion

⑪ Recursion programme.

3/7 ※ Write down the rules pass to pass on array to a function

※ shorting and searching . v. v. j

336 ※ The scope visibility and life time of variable external variable internal variable

340 → describe the two ways of passing parameter
41 function

10.5 what is phot prototyping and it's nessancy.

10.6 →

chapter-11

※ Structure and Unions (differentiate)

※ Arrays and structure (differentiate)

※ write any C program to use structure.

chap-12

* Write down the rules for initializing structure.
* What is pointers ; write down it's advantage.
* Write any c program using pointers.

(39)
* Write down the rules of pointer open

326 * write a program using pointers

39 * pass by pointer; pass by value vs pass by pointer.

Chapter - 13

File managment.

① Write the operation of following function
                                          and close
Ⓦ How to define and open a file with
suitable example — (42)

72Ⓜ write a c programming to read and
write it to a file input again read the
data from input file and display;

426

Write a programm to write int numbers read different integares into that file and odd, even ,

or a file name data contains a series of int numbers আছে এই odd ভাই odd এর সকল even file even numbers হবে আলাদা ,

430

→ Write down the operations of) f printed and f scanf

440 — error handling .