PPS

1. Characteristics of Computer system.
2. Application of computer.
3. Block diagram of computer system & function of It.
4. Types of C language.
   - Machine level
   - Middle level (Assembly)
   - High level.

Chep-2

1. Problem Solving Teachnique
   1. Flowchart → with definition & diagoum, } Example.
   2. Algorithm. →   "

Imp

2. Structure of C program. • features of C (
3. Variables, data Type, Keywords. Enum, Symbolic constant (#define PIE 3)

Chep-4

1. Types of Operators In C.
   - may be Ask Any two operator with example
2. Type Conversion / Type Casting.
3. Pre-Processor Directive.
4.

Chep-5

1. scanf & printf() function with Syntax (define)
   getchar(), putchar()   "   (define).

Chep-6

1. Decision Making Structures (Type)
   - If... If Else ..
   - Nested If... Else .--

↳ If ... ELSE ... If.

↳ switch statm

Chep-7

① Types of control structure

    ↳ while loop · ⊙(Entry control) ⎫ while
    ↳ do--while loop (Exit control). ⎬ /dowhile
    ↳ for loop   ⎭ diff.

Chep-8

① Array.
    ↳ single dimensional
        ↳ insert, delete, Sorting, searcin, Meegiy.
    ↳ Multidimensinl.

② String → definition, Syntax, Example.
    ↳ Function of String (8.29).

Chep-9

↳ Pointer - definition, Syntax.,
    int *p = &x;
↳ pointe to pointn
    int **p = & p✓ point.
↳ pointn of Array.
    dataType * ptr[size];
    int *ptr [5].,

Chep-10
↳ library function.
　　　　↳ main( ), scanf, printf( ), getch( ), Chscra
↳ user define function.
ex　　　void sum ( )　← without Argument
　　　　void &sum (int a, int b)　← with Argument
　　　　int sum (int a). ← with Arg. with return
　　　　{
　　　　　, return c;
　　　　}

p| local variable , Auto , static
Global variable , Register , extend,
t| category of function.
*| call by value　(void sum (@ x, y)
ɔ| call by Address　(void sum (& x, & y).

*| Recursion
↳ function call If self called Recursion,
ex factorial.

Chep - 11

Imp/→| structure & union , difference.
- prepare one Example

Chep-12
Dynamic Memory Allocation.
↳ malloc, calloc, free, recalloc, size of ( )
↳ syntax

Chep - 13

operation on file

 ∟> open file
 ∟> close file
 ∟> read file
 ∟> write file

Mode of file

r	rt
w	wt
a	at

function of file

 fopen ( )
 fgetc ( )
 fputc ( )
 fclose ( )

command line Arguet. Enapu

progms :-

Any pattn. draw.   (Chep - 7)
Sorting Aroy   (Inset, delete, searing Maging)
Min or Max valve   find progn.