Part-A : 1. , -> least precedence = 50+(12+4)/32/4-10 2 D= 50 +12 +4/32 -/4 - 10 = 50+(48/32)-1.4-10 *1.1.+-= = 50+(1/4)-10 = 50+1-10 3. int & rain; / Involed since then in space bet datatype & variable rame 4. The format specifier that is used to read or orite a diarater is 1.c. 5. Result of logical or relational experien in C is O or 1 6. Relational The size of () operator is a unary type of operator used to calculate size of
the data types (in bytes) 8. Result = 2,4 9. Indentation is used to vite the poundo code with hierarchy 10. A binding is dynamic if it first occurs during execution or candage during execution of program

Part B :-11. Pseudocode SUM_AVG BEGIN READ A, B, C CALCULATE sum = A+B+C CALCULATE average = sum/3 PRINT sum and average END 12. #include (stdio.h) void main () 5 int P#, T; float &, SI; P=1000; T=3; R=8.5; SI = R*R*T/100; printf ("Simple Interest = "/f" & SI); 13. = is assignment operator. It is used to asign value to variable and speck if they are equal to each other i now centains value of 5

i =5: it will compare value of i and 5. If both are

equal, returns true (I) else, seturns false (O) 14. Sylobal variables: Storage: They are stored operever the linker puts them. Usually stored in data segment of the memory hightime: They exist only for duration of the program and are interior to zero (if not explicitly initialized) Static variables: Storage: They are stored herever the linker puts them. Usually stored in data segment of the memory difetime. They retain their value during function calls and can oxist for the lifetime of program. hocal variables fRegister variables: Horage They are stored in stack tyletime - Their lifetime is limited to the scope of the function in which they are defined. Once this function exits, they are not accessible. Free Memory (Dynamic Memory): Storage They are stored in heap diference This memory remains allocated under it is explicitly freed using free! · C Program Intructions: Storage: The actual compiled instructions of program are stored in text feede segment refetime. These instructions are loaded into memory when the program runs and exist for the dieration of programme execution.

15. #include Stdio.h) printfl "Sild Size of int = /ld" singefle print (" Size of float = 1/ldn, use of (float));
print ("Size of char = 1/ldn, use of (char));
print ("Size of double = 1/ldn", use of (double)); # metade (stdio. h) (6. Algorithmos int main () & char vene[50]; gets (name); // Impat name START DECLARE name, bp, hra, da, pf, gs
READ name, bp, from the user
Calculate gs = bp thrat da + pf
DISPHTY gs STOP 17. Flowchart ant >= 100 AND ant < 500 True ant 7500 AND ant 4000 DISPAY "Gift in