now constant variable?

The term variable is considered as a data container which is able to vary its value.

Constant is a type of data qualifier which sets the quality of data.

The value of constant variable cannot be changed; They have I value (location value) but the I-value is non-modifiable & I-value.

as what is meant by block?

It is a block structured language which means the body of the program is written inside {3 which gets executed, these are also called function-blocks

as) what is meant by array?
Ans Array is considered as a linear date structure.

Arroy is a derived data type in C, C++ & Jara

Arroy is a derived data type which holds

multiple homogenous elements in indexed format.

Memory for an array is allocated sequentially instead of storing each primitive data type element seperately.

Ans I KBR (Kernighan & Ritchie) 3 C-89
2] ANSI - 41 ISO

between local variables @5] What is difference & global vaniables? Ans Global Variables Local variables of Global variables are I Local variables are always de clared outside always declared inside any function. a function I Local variable cannot I Global variables can be be accessed outside accessed from anywhere the function in which & from any function in they're declare the progreem, J Eq: mailm ()] Eq: int a=10; - Global variable int a=10; < Local

vanicible Q6] what are the tasks of Operating Systems? Ans Any operating systems performs 5 tas125 I) File management 2] Process management 3] Memory Management 4] Hardware Abstraction 6) CPU-scheduling Q7] What is meant by Data Structures? Ans Data structures is a way of storing & representing data in a particular format. There are two types of data smuctures;

Tree, Hash Map 1 etc 08] Read the statements below & draw its diagramatic 1 ayout. And const int no = 11; const cherch const char EA = `P'; const int arr [6] = { 10, 20, 30, 40, 50, 60 }; 20 30 40 50 60 all what is meant by function declaration & function definition? Function declaration in the prototype of Ans function. It is not compulsory but it is defined before the function definition. It gives the layout of the function definition Syntase: return type function-name (int, int); abstract parameter declaration return type function-name (int a, int b). Complete parameter

1 Linear: - Array, stack, Queve.

(210] what is meant by pre processor directive symbol) "#" is the preprocessor directive symbol. It is an symbol which adds libraries which has standard defined functions. to suit the Operating env These are the standard header files with predefined functions in it. Eg # include < stdio.h> enables the use of function printf & scanf Oil] what are the tasks of preprocessor? Ans the preprocessor is a took from tookchain which accepts: c' file as a input & which will generate i'i' file as an output. · i stands for intermediate code lit is a human readable file. The preprocessor performs \$ 4 tasks i] Header file inclusion: If our program contains the steekments which starts with '# include then the preprocessor will include that header file in our program 1] Macio Compansion: Here the human readable word gets converted to avalue. that readable word is macro # DOZL # define DOZEW IL # define SHEKADA 100 The propessor replances the above words Value given after them. It is a good programming procedice macroin capital case.

comments from the program bemore they are not part of goragram. 4] Removal of whitespaces; the preprocessor removes all the extralines whitespaces, tabs, etc. A Pre processor Removal of energy spaces Header file inclusion and what is meant by platform dependent barchitecture dependent? I to the trace of the first $z_1, \ldots, z_{n-1}, \ldots, z_{n-1},$ Little for every live Commence of the Commence of th and the second of the second of the second of