Page	No.	1	1	
Date				
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2.	what is mean by block 9
	The second secon
SID F	- A block is a set of Instructions/
	statements coritten within the
	curiy braces & 3.
	- Block contain more block in it, i.e
	nested blocky. The same passes
	- variable declare within the block
	has block scope, ie it is accessible
	to within the block & it's inner block.
	2. Volatile
	eg int main () - Total tratter o
57	- 16 noe decaye : 1 = a vaite 3 atto con
,	Here word in Front : 6 = 6 this mans it is
2011	11 Block TOLE at b: must side touther as
3	print f ("a+b: 1.d In", c):
	return 2000 tot -
	inta 11
4	401 001
3.50	what is mean by Array 9
	in ere mented.
	- Array is a collection of similar/
	homogeneous elements stored in
- 46000 -	homogeneous elements stored in
3	Array is linear Datatype.
	- Array is a derived datatype
	- e-g int ATT [2] = \$ 10,203 :0
+03	of Cheer personn but those incren
	- Array can be created as sail in the

except

boolean.

data

4. what are different standardization

c programming language?

c language was standardized by

+ C language was standardized by

in 1978. Standard (Kerninghan & Ritchie)

- ANSI (American National standardization Institute) in 1983 C89.
 - 150 (International organization of standardization) in 1990 cgo.

- creating, & deleting, updating file etc.

exerction does to locating touches;

- c99 standardization done in 1999 is was

or deallocate.

10cal & global variables 9

. To offerete memory to any voorial

- · Local variable pointers
- The variables which are defined within the some functions which are only accessible to that function block only are called local variables.

of hardeant monon con

function are local variables.

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Page No.	
Date	
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· Global variables variables which are defined outside the functions are called global variables.

- use of global variable are bad programming practice.

Global variables are of

accessible to entire program.

6. what the task of operating system.

- · operating does following tasks:
- 1. File management
- creating, deleting, updating file etc.

 - 2. Memory Management

 To allocate memory to any variable or deallocate.

assisted are the differences between

- 3. Process Management
 managing process is major—task of operating Bystem.
- 4. CPU Scheduling to their priority.
 - 5. Hardware Abstraction working - It is about hiding Internal of hardware from user.

Page	No.		
Date			

7: what is meant by Data Structure 9 · Storing the data in perticular manner in such way that they can be easily as accessed or the program can can be run in efficient called data structure not associate memory to it. - Data Types - 1. linear pata structure. 2. non-linear poeta structure. The function defination means the Read below Statement & Draw diagramatic layout variable - const int no = 11; no 11 = value (constant) Base address sum = no1 + no2 ; const char ch = P' variable ch P value · patronio si promizo 1201 - store Base address (inchangable) - const in arr [6] = {10,20,30,40,50,60}; variable Index o 1 2 3 4 5

arr 10 20 30 40 50 60 name } 100 104 108 112 116 120 124 Base address

9. what is meant by function declaration a function defination

- The function declaration is same as data / variable declaration.
- The declaration coill give names to
 characteristics for function but does
 not allocate memory to it.

e.g Add (no1. no2);

- The function defination means the function will have the blocks and it will have statements in it.

And it will have a return type in it.

eg Add (nol, no2) {

sum = 0;

sum = nol + no2;

return sum : sono reno

- Here memory is allocated.

10. cohat is meant by "Preprocessor Directive Symbol"?

- preprocessor directive symbol is #.
- Indicates preprocessor directive/file.
- go to preprocessor before its execution.
- · Preprocessor Does:

preprocessor

comment removal Header file Inclusion

macro Expansion

conditional compalation

Extra estite space removal

other directives