CS201 MIDTERM PAST PAPER SCREENSHOT

Which one of the symbol is used to i	represent a decision in a flow chart ?
Answer (Please select your correct	et option) De le
c 🔷	correct

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here can be	'default' statement(s) in any switch structure .
swer (Please se	lect your correct option)
2	<u>correct</u> ent
n	parele

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	condition in loop should be a(n)
v	ver (Please select your correct option)
	Constant Expression
	Boolean Expression
	Primary Expression
	Arithmatic Expression COFFECT

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How many nested loops would be required to manipulate n-dimensional array?

C n	lect your correct option)		
n+1			= ont
n-1	Po	teler	
2n			

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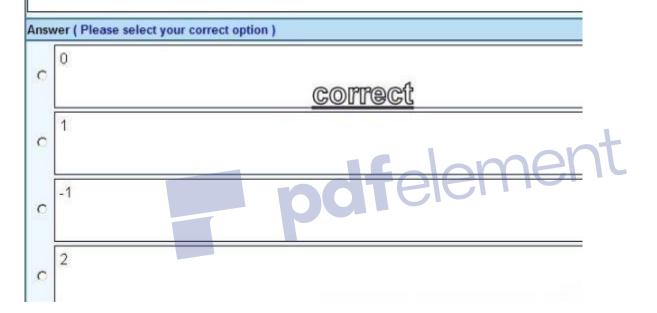
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We	should use	for clarity and to force the order of evaluation in an expression.
nsv		your correct option)
0	Brackets []	
c	parenthesis ()	correct
С	curly braces ()	pareioni
C	quotation marks *	

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Which of the following is the starting index of an array in C++?



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Que	stion No : 9 of 26
Th	e statement x += y can be interpreted as
nsv	wer (Please select your correct option)
c	Adding the value of the x to the value of the y and storing the result in x
0	Adding the value of the y to the value of the x, store the result in y
0	Adding the value of the x to the value of the x; store the result in x
C	Adding the value of the y to the value of the y, store the result in x

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m[2][3] = '5';

Given a 2D array of integers, what would be the correct way of assigning the value 5 to the element at second row and third coloum?

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\rr	ay is a data structure that stores
isv	ver (Please select your correct option)
0	Memory addresses
0	Variables COFFECT
c	Data type
C	Data

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. pr	rogram statement that invokes a function is called	
sw	ver (Please select your correct option) function declaration	
,	function call COFFECT	t
	function definition	
Name of the last	function prototype	

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Jue	stion No : 13 of 26
If a	function has been declared but not defined before its function call then it is termed as
nsv	wer (Please select your correct option)
0	logical error
C	syntax error
c	run time error
0	program time error

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Which one of the below functions is not included in ctype.h header file? Answer (Please select your correct option) is digit(int c) isxdigit(int c) tolower(int c) getdigit(int c)

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Which function is used to locate the first occurance of a character in any string? Answer (Please select your correct option) strchr() strstr() strtok() strlen() strlen() COFF@CL

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Que	Question No : 18 of 26	
The	The function write() takesas parameters	neter(s).
Ansv	Answer (Please select your correct option)	
0	String of pointer type	
c	String of variable lengths, no. of bytes to be read and fla	faloment
С	Pointer array of characters and a delimiter	Telerie
O	String and no. of bytes to be written	correct

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Given a two dimensional array of integers, what would be the correct way of assigning the value 6 to the element at third row and fourth column?

Answer (Please select your correct option)

array[2][3]=6;

array[3][4]=6;

correct

array[2][4]=6;

array[4][3]=6;

2 marks

C

Question No: 21 of 26

Write the syntax for calling a string manipulation function which compares the first 5 characters of an array "name" with the string "asdf".

2 marks

Question No: 22 of 26

What will be the value of x after the execution of the following code segment?

int x = 10; int y = 30; int *xptr = &x; x = *xptr + 10;

Question No : 23 of 26 Marks: 3 (Budgeted Time 6 Min)

Assume that you write a program to read the data from a text file. You have two options to do it, either reading the data character by character or reading multiple lines of data at a time. Which option do you think is more better and Why?

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Question No : 24 of 26 Marks: 3 (Budgeted Time 6 Min)

Consider that an integer pointer xptr contains the memory address 0x22ff50. Now if the statement xptr +=4; is executed, how many bytes the pointer xptr will jump in the memory and what will be the new address of the xptr?

Question No : 25 of 26 Marks: 5 (

Write a program which takes a string from the user and searches it within another string "This is my Pakistan".

For example, if the user enters the string "my" then after search, the program should display the message "String found" otherwise it should display the message "string not found".

Question No: 26 of 26

Detect and correct compile time error(s) in the following code.

Hints: The following code print numbers from 1 to 100.

```
void main()
```

Question No: 26 of 26

```
int counter,
float *ptr;

for ( counter =1; counter <= 100; counter++)
{
    ptr = counter;</pre>
```

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```
cout << ptr <<" ";
getch();
return 0;</pre>
```

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