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If you want to learn computer programming then contact with me

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CS201 MIDTERM PAST PAPER SCREENSHOT

Question No : 1 of 26

Which one of the symbol is used to represent a decision in a flow chart ?

Answer (Please select your correct option)



correct



Question No : 2 of 26

In Flow Chart, flow of control is represented by _____.

Answer (Please select your correct option)

Rectangle

Circle

Diamond

Arrow

correct

Question No : 3 of 26

There can be _____ 'default' statement(s) in any switch structure .

Answer (Please select your correct option)

- 1
- 2
- 3
- n

correct

pdfelement

Question No : 4 of 26

The condition in loop should be a(n) _____.

Answer (Please select your correct option)

Constant Expression

Boolean Expression

Primary Expression

Arithmetic Expression

correct

Question No : 5 of 26

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

Answer (Please select your correct option)

n

n + 1

n - 1

2n

correct

Question No : 6 of 26

Which of the following is not an example of int data type?

Answer (Please select your correct option)

0

-32

65531

-4.0

correct

Question No : 7 of 26

We should use _____ for clarity and to force the order of evaluation in an expression.

Answer (Please select your correct option)

- Brackets []
- parenthesis ()
- curly braces { }
- quotation marks " "

correct

patelement

Question No : 8 of 26

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

Answer (Please select your correct option)

0

correct

1

-1

2

Question No : 9 of 26

The statement $x += y$ can be interpreted as _____.

Answer (Please select your correct option)

Adding the value of the x to the value of the y and storing the result in x

corr

Adding the value of the y to the value of the x; store the result in y

Adding the value of the x to the value of the x; store the result in x

Adding the value of the y to the value of the y; store the result in x

Question No : 10 of 26

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 column ?

Answer (Please select your correct option)

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

correct

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

`m[1][2] = 5 ;`

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

Question No : 11 of 26

Array is a data structure that stores _____.

Answer (Please select your correct option)

Memory addresses

Variables

Data type

Data

correct

pdtelement

Question No : 12 of 26

A program statement that invokes a function is called _____.

Answer (Please select your correct option)

function declaration

function call

function definition

function prototype

correct

pdtelement

Question No : 13 of 26

If a function has been declared but not defined before its function call then it is termed as _____.

Answer (Please select your correct option)

- logical error
- syntax error
- run time error
- program time error

pdfelement

Question No : 14 of 26

The Compiler of C language is written in-----language.

Answer (Please select your correct option)

- JAVA
- BASIC
- FORTRON
- C

correct



Question No : 15 of 26

To convert the value of one type into another type using built-in functions, we include _____ header file.

Answer (Please select your correct option)

conio.h

stdlib.h

iostream.h

string.h

correct

pdfelement

Question No : 16 of 26

Which one of the below functions is not included in ctype.h header file?

Answer (Please select your correct option)

isdigit(int c)

isxdigit(int c)

tolower(int c)

getdigit(int c)

Question No : 17 of 26

Which function is used to locate the first occurrence of a character in any string ?

Answer (Please select your correct option)

strchr()

strstr()

strtok()

strlen()

correct

Question No : 18 of 26

The function write() takes _____ as parameter(s).

Answer (Please select your correct option)

String of pointer type

String of variable lengths, no. of bytes to be read and flags

Pointer array of characters and a delimiter

String and no. of bytes to be written

correct

Question No : 19 of 26

_____ is the pointer which determines the position in a file from where the next read operation occurs.

Answer (Please select your correct option) put seek get tell

pdfelement

Question No : 20 of 26

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;

array[2][4]=6;

array[4][3]=6;

correct

2 marks

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 "asd".

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?

Question No : 24 of 26

Marks: 3 (Budgeted Time 6 Min)

Consider that an integer pointer xptr contains the memory address 0x22f50. 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;
```

Question No : 26 of 26

```
    cout << ptr <<" ";

    getch();
    return 0;
}
```