

CS201 MIDTERM PAST PAPERS REAL

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Question No : 2 of 26

Which of the following operators is used to access the value of variable pointed by a pointer?

Answer (Please select your correct option)

☐ * operator

☐ -> operator

☐ && operator

☒ & operator

correct

Question No : 3 of 26

In case of single dereferencing, the value of the _____ is the address of the _____.

Answer (Please select your correct option)

☐ pointer, variable

correct

☐ pointer, constant

☐ variable, pointer

☐ constant, pointer

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Question No : 4 of 26

The remainder (%) operator is a _____ operator.

Answer (Please select your correct option)

☐ Logical

☐ Arithmetic

☐ Relational

☐ Conditional

correct

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Question No : 5 of 26

What will be the output of following code?

```
int x = 10 ;  
cout << "x =" << x ;
```

Answer (Please select your correct option)

- ☐ 10
- ☐ "x=10"
- ☐ x=10
- ☐ 10=x

correct

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Question No : 6 of 26

The purpose of using cout<< is to _____.

Answer (Please select your correct option)

☒ Display information on the screen

correct

☐ Read the data from keyboard

☐ Read the data from a file

☐ Write into a file

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Question No : 7 of 26

Which of the following data types will be assumed if no data type is specified with constant?

Answer (Please select your correct option)

☐ short

☐ float

☐ int

☐ double

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Question No : 8 of 26

When an array element is passed to a function, it is passed by _____.

Answer (Please select your correct option)

- ☐ reference correct
- ☐ data type
- ☐ value
- ☐ data

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Question No : 9 of 26

While programming, it is good to provide an easy to understand and easy to use interface; this programming skill is called _____.

Answer (Please select your correct option)

☐ scalability

☐ usability

☐ reliability

☐ sustainability

correct

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Question No : 10 of 26

_____ executes all the lines before error and stops at the line which contains the error.

Answer (Please select your correct option)

☐ Interpreter

correct

☐ Compiler

☐ Linker

☐ Debugger

pdf element

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Question No : 11 of 26

Which one of the following is the correct syntax to access the value of first element of an array using pointer ptr?

Answer (Please select your correct option)

☐ ptr[0]

☐ *(ptr+1)

☐ ptr[1]

☐ *ptr[0]

correct

Question No : 12 of 26

C is a/an _____ language.

Answer (Please select your correct option)

☐ low level

☐ object based

☐ object oriented

☐ function oriented

correct

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Question No : 13 of 26

_____ of a function is also known as signature of a function.

Answer (Please select your correct option)

☐ Definition

☐ Declaration

☐ Calling

☐ Invoking

correct

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Question No : 14 of 26

_____ are very good tools for code reuse.

Answer (Please select your correct option)

- ☐ operators
- ☐ loops
- ☒ functions
- ☐ variables

correct

Question No : 15 of 26

If any break statement is missed in switch statement then _____

Answer (Please select your correct option)

- ☐ compiler will give error
- ☐ this may cause a logical error
- ☐ no effect on program
- ☐ program stops its execution

correct

Question No : 16 of 26

A 2D array multi[5][10] can be accessed using the array name as **multi , this technique is called _____.

Answer (Please select your correct option)

- ☐ Single referencing
- ☐ Single dereferencing
- ☐ Double referencing
- ☐ Double dereferencing

correct

Question No : 17 of 26

In C/C++, the default command line arguments passed to the main function are _____

Answer (Please select your correct option)

☐ float argc, char **argv

☐ int argc, char **argv

☐ int *argc, char *argv

☐ int argc, float **argv

correct

Question No : 18 of 26

A record is a group of related _____.

Answer (Please select your correct option)

☐ Files

☐ Bytes

☐ Fields

☐ Data

correct

pdfelement

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Question No : 19 of 26

The microsoft word document(doc) is a kind of _____.

Answer (Please select your correct option)

☐

Sequential File

☐

Random Access File

☐

Binary Access File

☐

Executable File

correct

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Question No : 20 of 26

Null character is used to indicate the _____ of string.

Answer (Please select your correct option)

☐ Start

☐ End

☐ Begin

☐ Middle

correct

Question No : 21 of 26

Consider the structure

```
struct Customer
{
    int custnum;
    int salary;
```

Answer (Please [click here](#) to Add Answer)



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Question No : 21 of 26

```
int custnum;  
int salary;  
float commission;  
};
```

Write the code for declaring a Customer type variable cust1 and assign a value 2000 to the structure member salary.

Answer ([Please click here to Add Answer](#))



Question No : 22 of 26

How two dimensional array relates with a matrix?

Answer ([Please click here to Add Answer](#))



Question No : 23 of 26

Identify each of the given functions as string conversion function or string manipulation function.

1. double atof(const char *nptr)
2. char *strcpy (char *s1, const char *s2)
3. int atoi(const char *nptr)

Answer (Please [click here](#) to Add Answer)



Question No : 24 of 26

What is the output of following code snippet?

```
int array[7], sum = 0;
for(int i=0;i<7;i++)
{
    array[i] = i;
```

Answer (Please [click here](#) to Add Answer)



Question No : 24 of 26

```
sum+= array[i];
}
cout<< " Sum = " <<sum;
```

Question No : 25 of 26

Write the output of following program.

```
#include<iostream.h>
int main()
{
    int arr[5], i=-1, z;
```

Question No : 25 of 26

```
while(i<5)
    arr[i]=++i;

for(i=0; i<5; i++)
    cout<<arr[i]<<" ";
```

Question No : 25 of 26

```
for(i=0; i<5; i++)
    cout<<arr[i]<<" ";

return 0;
}
```

Question No : 26 of 26

Marks: 5 (100%)

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".

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