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CS201 MID Term 2012 & 2011 SOLVED MCQS

MCQS

Syntax of a union is identical to _____ .

structure

Class

Function

Oop

A union is a user-defined data type that contains only _____ from its list of members at a time.

one object

two objects

three objects

four objects

Which of the given file handling modes are similar in their functionality ?

ios::out, ios::trunc

ios::trunc, ios::ate

ios::trunc, ios::nocreate

ios::trunc, ios::ate

Which one of the given option is not a mode for reading/writing the data from a file?

In

Out

Trunk

Get

In C/C++, the header file used for string manipulation is _____.

stdlib.h

string.h

strings.h

stype.h

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

Single referencing

Single dereferencing

Double referencing

Double dereferencing

C language was evolved from _____ language(s).

BASIC

C++

B and BCPL

FORTRAN

The _____ statement forces the immediate next iteration of the loop.

Switch

Goto

Continue

Break

_____ are very good tools for code reuse.

Operators

Loops

Functions

Variables

When an argument is passed by reference, _____

the function cannot access the argument's value.

a variable is created in the function to hold the argument's value.

a temporary variable is created in the calling program to hold the argument's value.

the function accesses the argument's original value in the calling program.

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

Interpreter

Compiler

Linker

Debugger

Analysis is the ----- step in designing a program.

Middle

Post design

First

Last

Which of the following is the correct function call, having array named student of 10 elements as a parameter?

addRecord(student[]);

addRecord(student);

addRecord(student[10]);

addRecord(*student);

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

Reference

data type
value
data

What is the correct syntax to declare an array of size 10 of int data type?

int [10] name ;
name[10] int ;
int name[10] ;
int name[] ;

If we want to copy an array, both arrays need to be of same _____.

Elements and size
Data and size

Data type and size

Data and data type

Which of the following is the correct syntax to print multiple values or variables in a single command using cout?

cout << "H" << x << "\n";
cout << "Hello " + x + "\n";
cout << "H", x, "\n";
cout << ("H" & x & "\n");

Which one of the statements given below is equivalent to $x \% = 5$?

$x = \% x 5$
 $x = x \% 5$
 $x = \% 5$
 $x \% x = 5$

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

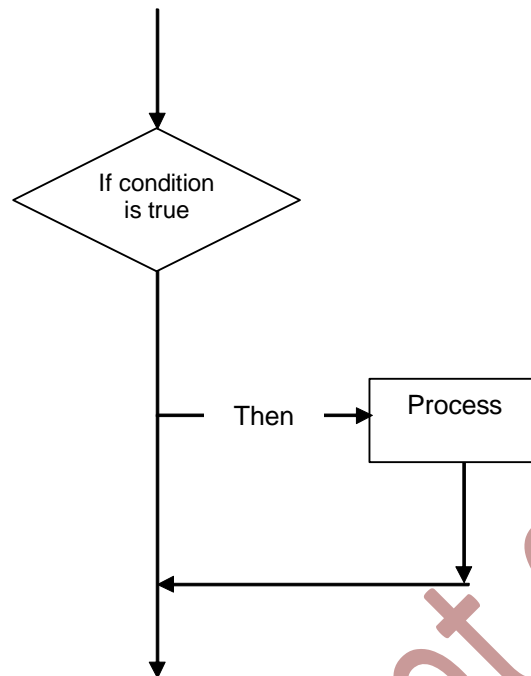
Arithmetic Expression

Constant Expression

Boolean Expression

Primary Expression

Which structure is represented by following flow chart ?



if-else structure
else-if structure
switch structure
if structure

MCQS

Stream which sends data to the program is called _____.

- Input stream**
- Output stream
- Inline stream
- Function stream

Syntax of a union is identical to _____.

- Structure**
- Class
- Function
- Loop

When accessing a structure member, the identifier to the left of the dot operator is the name of _____.

- a structure member
- a structure tag
- a structure variable**
- the keyword struct

The parameter passed to isdigit() function is _____.

a character variable

a boolean variable

an integer variable

a character string

TWAIN stands for _____ .

Technology With An Interesting Name

Technology Without An Informative Name

Technology Without An Interesting Name

Technology With An Informative Name

_____ translates high level language program into machine language code.

Compiler

Linker

Debugger

Editor

From the option given below, what will be the correct output of the code?

```
for (int a = 1; a <= 3; a++)  
    cout<<a*3-1<<" ";
```

2 4 6

2 5 8

no output is displayed

1 2 3

If the return type of a function is void then it means that it will _____.

return any type of data

return some specific type of data

return no data

return just character data

The functions that have already been defined as a part of the language are called

_____.

user-defined functions

programmer-defined functions

inner functions

built-in functions

Given that doubleArray is an array of 7 integers. Which of the below is the correct statement to access the 5th element of the array?

doubleArray[7]

doubleArray[4]

doubleArray{7}

doubleArray(4)

The symbol which is used to represent a process in a flow chart is _____.

Rectangle

Arrow

Oval

Circle

When an array is passed to a function, by default it will be passed by _____.

Data

Reference

Value

Data type

What is the range of Random number generator function rand()?

0 – 32768

1 – 32768

0 – 32767

1 – 32767

The first character of a variable name must be an alphabet or _____.

Underscore

Digit

Special character

Comma

In _____, the first pointer stores the address of the some other pointer, which contains the address of any variable.

single dereference

double dereference

single reference

double reference

Initialization of variable at the time of definition is -----practice.

Bad Programming

Necessary

Good Programming

Not a necessary

Which looping process checks the test condition at the end of the loop?

For

While

do-while

no looping process checks the test condition at the end

You can use a _____ statement to transfer control elsewhere out of the nested structure.

Continue

Goto

Pause

Break

Which of the following array is the most suitable for storing a matrix structure?

Single-dimensional array

Two-dimensional array

Three-dimensional array

Four-dimensional array

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

Sequential File

Random Access File

Binary Access File

Executable File

A union is a user-defined data type that contains only _____ from its list of members at a time.

one object

two objects

three objects

four objects

In C/C++, _____ are the doors through which data can enter and come out of a program.

Streams

Fields
Variables
Header files

Which one of the given option is not a mode for reading/writing the data from a file?

In
Out

Trunk

Get

C++ views each file as a sequential stream of _____.

Bits

Bytes

Numbers
Words

In 2D array, the technique used to access the array elements is called _____

Single referencing
Double referencing

Double dereferencing

Single dereferencing

From the options given below, identify the correct option which is used for calling the function float square (int &);

square (int num);
square (&num);
square (num);
square (*num);

Identify the correct option which is used for calling the function float area (int).

area(&num) ;
area(num) ;
area(int num) ;
area(*num) ;

Which kind of error occurs in the code below to access the variable num in the main function?

```
int num=10;
```

```
int main(){  
int x ;  
x = num ;  
}
```

Syntax error

Logical error

Run time error

No error

A program statement that invokes a function is called _____.

function declaration

function call

function definition

function prototype

What will be the output of the following code segment?

```
main(){  
int a = 10 ;  
int b =0;  
int *x = &a;  
b = (*x)+3 ;  
cout << a << " , " << b ;  
}
```

10,0

10,3

10,13

0,13

When the logical operator AND (&&) combines two expressions exp1 and exp2 then the result will be true only _____

When both exp1 and exp2 are true

When both exp1 and exp2 are false

When exp1 is true and exp2 is false

When exp1 is false and exp2 is true

For which array, the size of the array should be one more than the number of elements in an array?

- int
- double
- float
- char**

What is the range of Random number generator function rand()?

- 0 – 32768
- 1 – 32768
- 0 – 32767**
- 1 – 32767

To assigned a value to a character type variable, _____ are used around the value.

- parenthesis ()
- single quotes ' '**
- double quotes " "
- curly braces { }

In C/C++, the #include is called _____.

- Header file
- Preprocessor Directive**
- Statement
- Function

The number 544.53 must be stored in _____ data type.

- Int
- Short
- Float**
- Char

Use of the _____ statement violates the rules of structured programming.

- Break
- Continue
- Goto**
- Switch

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

- Rectangle
- Circle

Diamond

Arrow

What will be the correct syntax for initialization of pointer *ptr* of type int with variable *x*?

int ptr = &x ;

int ptr = x ;

int *ptr = &x ;

int ptr* = &x ;

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Reference

Value

Data type

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Underscore

Digit
Special character
Comma

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You can use a _____ statement to transfer control elsewhere out of the nested structure.

Continue

Goto

Pause
Break

MCQS:

An object of _____ class can be created for saving the current position of any opened file before reading from the file

Filepos
Streampos

Stream

Filestream

The value returned by the eof() function is of _____ type.

Integer

Float

Character

Boolean

If a file is not properly closed in a program then what is the status of the program ?

Runtime error will be generated in the program

The program will terminate normally

Compiler will generate syntax error

The Program will crash

The parameter passed to isdigit() function is _____.

a character variable

a boolean variable

an integer variable

a character string

In C/C++, the header file used for string manipulation is _____.

stdlib.h

string.h

strings.h

stype.h

Arrays are best data structures _____.

they take least space in memory

for the size of the structure and the data in the structure are constantly changing

for relatively permanent collections of data

they take much space in memory

Each array declaration must provide the information about all these things except

_____.

Name of the array

Type of data stored in the array

The location of the first element to be stored

Number of elements of the array

The First step for developing a program is _____.

Linking

Debugging

Analysis

Loading

_____ transfers the executable code from hard disk to main memory.

Linker

Loader

Editor

Interpreter

_____ operator is used to pass the address of a variable to the called function.

*

**

&&

&

In call by reference, _____ of a variable is passed to the called function.

Address

Size

Type

Value

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

Definition

Declaration

Calling

Invoking

Preprocessor program performs its function before _____ phase takes place.

Editing

Linking

Compiling

Loading

Which of the following is the correct function call, having array named student of 10 elements as a parameter?

addRecord(student[]);

addRecord(student);

addRecord(student[10]);

addRecord(*student);

The remainder (%) operator is a _____ operator.

Logical

Arithmetic

Relational
Conditional

Which of the following array is the most suitable for storing a matrix structure?
Single-dimensional array

Two-dimensional array

Three-dimensional array

Four-dimensional array

Question # 1 of 10 (Start time: 12:27:31 AM) **Total Marks: 1**

+= , *= , /= , etc are called,

Select correct option:

- Assignment operators
- Logical operator
- Compound assignment operator
- Unary operator

OK

Question # 2 of 10 (Start time: 12:28:02 AM) **Total Marks: 1**

_____ statement interrupts the flow of control.

Select correct option:

- switch

continue

goto OK

break

Question # 4 of 10 (Start time: 12:29:18 AM)

Total Marks: 1

According to c++ norms; the first character of a variable name must be an alphabet or

▶ Select correct option:

Underscore OK

Special character

Digit

None of the given options

Question # 5 of 10 (Start time: 12:29:56 AM)

Total Marks: 1

What is the output of the following code if the 3rd case is true switch (var) { case 'a': cout<<"apple"<<endl; case 'b': cout<<"banana"<<endl; case 'm': cout<<"mango"<<endl; default: cout<<"any fruit"<<endl; }

▶ Select correct option:

mango OK

mango
any fruit

- apple
- none of the above

Question # 6 of 10 (Start time: 12:31:14 AM)

Total Marks: 1

X is an integer variable; what does X++ means,

▶ Select correct option:

-- -- --

- Add 1 two times in X value
- Add 1 in X value
- Add 2 in X value
- None of these

OK

Question # 8 of 10 (Start time: 12:32:40 AM)

Total Marks: 1

_____ will explain the function of a program.

▶ Select correct option:

- Comments
- Debugger
- Compiler

OK

Linker

Question # 10 of 10 (Start time: 12:33:19 AM) **Total Marks: 1**

_____ transfers the executable code from main memory to hard disk.

▶ Select correct option:

Loader

Debugger

Compiler

Linker

OK

Question # 1 of 10 (Start time: 10:08:10 AM) **Total Marks: 1**

the sizeof operator is used to determine the size of _____.

▶ Select correct option:

data

variable

data type

OK

None of the given

Question # 2 of 10 (Start time: 10:08:44 AM) **Total Marks: 1**

Structures use _____ allocation.

Select correct option:

- Queue
 - Heap
 - Cache
 - Stack
- Ok

Question # 3 of 10 (Start time: 10:09:22 AM) **Total Marks: 1**

char name [] = "Hello World" ; In the above statement, a memory of _____ characters will be allocated

Select correct option:

- 13
 - 11
 - 12
- Ok

10

Question # 4 of 10 (Start time: 10:09:54 AM)

Total Marks: 1

Which header file must be included to use the functions tolower() and toupper()?

▶ Select correct option:

-
-
-
-

OK

Question # 5 of 10 (Start time: 10:10:53 AM)

Total Marks: 1

In Analysis, we try to have a _____

▶ Select correct option:

-
-
-

Ok

None of the given

Question # 6 of 10 (Start time: 10:11:50 AM) **Total Marks: 1**

Pointers store the _____

Select correct option:

value of a variable

memory address Ok

characters

None of the given

Question # 7 of 10 (Start time: 10:12:09 AM) **Total Marks: 1**

_____ Returns true if c is a digit and false otherwise.

Select correct option:

`int isalpha(int c)`

`int isalnum(int c)`

int isxdigit(int c)

int isdigit(int c)

Ok

Question # 8 of 10 (Start time: 10:12:43 AM)

Total Marks: 1

eof is used to check for the _____ of file when a file is being read.

▶ Select correct option:

Start

End

Ok

Middle

Name

Question # 9 of 10 (Start time: 10:13:03 AM)

Total Marks: 1

The statement cout << yptr will show the _____ the yptr points to.

▶ Select correct option:

Value

memory address

Ok

Variable

None of the given

Which of the following is true about streams?

- A. It is a sequence of bytes
- B. It is an ordered sequence
- C. All bytes can go through the stream simultaneously
- D. Bytes that enters first into the stream will go out at last

ANS:
A& B

Question # 1 of 10 (Start time: 10:55:29 AM) **Total Marks: 1**

While handling files, one can have _____ options

Select correct option:

read the file

write in some file

read and write in the same file

All of the given

Ok

Question # 2 of 10 (Start time: 10:55:55 AM) **Total Marks: 1**

If an array has 50 elements, what is allowable range of subscripts?

Select correct option:

0 - 49 OK

1 - 49

0 - 50

1 - 50

Question # 4 of 10 (Start time: 10:56:40 AM) **Total Marks: 1**

A structure is a collection of _____ under a single name.

Select correct option:

values

variables ok

data

None of the given

Question # 5 of 10 (Start time: 10:57:09 AM) **Total Marks: 1**

Ifstream is used for _____

Select correct option:

Input file stream

Output file stream

Input and output file stream

All of the given

Question # 6 of 10 (Start time: 10:57:55 AM) **Total Marks: 1**

The ASCHI code of null character is _____

Select correct option:

000

010

111

110

Question # 7 of 10 (Start time: 10:59:12 AM) **Total Marks: 1**

dereferencing operator is represented by _____

Select correct option:

*

+

-

None of the given

Question # 8 of 10 (Start time: 10:59:26 AM) **Total Marks: 1**

Whenever some number is added in an array name, it will jump as many _____ as the added number.

Select correct option:

rows

value

column

None of the given

Question # 9 of 10 (Start time: 11:00:25 AM) **Total Marks: 1**

To access the data members of structure, _____ is used.

Select correct option:

Logical operator

Dereference operator

Dot operator

Address operator

OK

Question # 10 of 10 (Start time: 11:01:00 AM) **Total Marks: 1**

Which of the following is true about streams? A. It is a sequence of bytes B. It is an ordered sequence C. All bytes can go through the stream simultaneously D. Bytes that enters first into the stream will go out at last

Select correct option:

A only

C only

A and B

A and D

OK

Question # 4 of 10 (Start time: 11:05:34 AM) **Total Marks: 1**

We use _____ to open a file or stream for extraction

Select correct option:

in

out

app

ate

Question # 8 of 10 (Start time: 11:06:20 AM) **Total Marks: 1**

char **argv can be read as _____.

Select correct option:

pointer to pointer

pointer to char

pointer to pointer to char

None of the given

Question # 10 of 10 (Start time: 11:07:07 AM) **Total Marks: 1**

From following; which one is the correct syntax of an array initialize: Array size is 10 and it is of double data type to value 0?

Select correct option:

arr[10] = {0.0};

double arr[10]= 0.0;

double arr[10] = {0.0};

double arr[] = 0.0;

Ok

Pointers work by pointing to a particular _____

▶ Select correct option:

Value

variable

data type

None of the given

ok

[▶ Click here to Save Answer & Move to Next Question](#)

Question # 2 of 10 (Start time: 12:21:44 PM) **Total Marks: 1**

_____ function give the position of the next character to be read from that file.

▶ Select correct option:

tellp()

tellg()

seekg()

seekp()

Question # 4 of 10 (Start time: 12:22:40 PM) **Total Marks: 1**

aFile. seekg (-10L, ios:cur)

Select correct option:

forward direction

backward direction

both direction

none of the given

Question # 6 of 10 (Start time: 12:23:34 PM) **Total Marks: 1**

An object of _____ class can be created for saving the current position of any opened file before reading from the file.

Select correct option:

Stream

Filepos

Streampos

Filestream

Question # 7 of 10 (Start time: 12:24:46 PM) **Total Marks: 1**

Structures are syntactically defined with the word _____.

Select correct option:

struc

struct

structure

None of the given

Question # 8 of 10 (Start time: 12:25:12 PM) **Total Marks: 1**

_____ allow us to have a memory location and use it as int or char interchangeably

Select correct option:

structures

union

construct

None of the given

OK

Question # 9 of 10 (Start time: 12:25:41 PM) Total Marks: 1

A hierarchy of classes which are used to deal with console and disk files are called _____.

Select correct option:

Stream classes

Simple classes

Binary classes

IO classes

Question # 10 of 10 (Start time: 12:26:41 PM) Total Marks: 1

_____ function is used to determine the next position to write a character while writing into a file.

Select correct option:

tellg()

seekg()

seekp()

tellp()

Ok

Question No: 1 (Marks: 1) - Please choose one

*.doc is _____ by type.

- ▶ Sequential File
- ▶ [Random Access File](#)
- ▶ Data File
- ▶ Record File

Question No: 2 (Marks: 1) - Please choose one

Which of the following is NOT a preprocessor directive?

- ▶ #error
- ▶ #define
- ▶ #line
- ▶ #undef

Question No: 3 (Marks: 1) - Please choose one

The return type of operator function must always be void.

- ▶ True
- ▶ False

Question No: 4 (Marks: 1) - Please choose one

What does (*this) represents?

- ▶ The current function of the class
- ▶ The current pointer of the class
- ▶ The current object of the class

- ▶ A value of the data member

Question No: 5 (Marks: 1) - Please choose one

The statement `cin.get ()`; is used to,

- ▶ Read a string from keyboard
- ▶ Read a character from keyboard
- ▶ Read a string from file
- ▶ Read a character from file

Question No: 6 (Marks: 1) - Please choose one

When we do dynamic memory allocation in the constructor of a class, then it is necessary to provide a destructor.

- ▶ True
- ▶ False

Question No: 7 (Marks: 1) - Please choose one

Overloaded new operator function takes parameter of type `size_t` and returns

- ▶ void (nothing)
- ▶ void pointer
- ▶ object pointer
- ▶ int pointer

Question No: 8 (Marks: 1) - Please choose one

The second parameter of operator functions for << and >> are objects of the class for which we are overloading these operators.

- ▶ True
- ▶ False

Question No: 9 (Marks: 1) - Please choose one

C++ is a case-sensitive language

- ▶ True
- ▶ False

Question No: 10 (Marks: 1) - Please choose one

To include code from the library in the program, such as `iostream`, a directive would be called up using this command.

- ▶ `#include "iostream.h"`
- ▶ `include <iostream.h>`
- ▶ `include <iostream.h>`
- ▶ `#include <iostream.h>`

Question No: 11 (Marks: 1) - Please choose one

A template function must have only generic data types.

- ▶ True
- ▶ False

Question No: 12 (Marks: 1) - Please choose one

Template class can not have static variables.

- ▶ True
- ▶ False

Question No: 13 (Marks: 1) - Please choose one

What will be the correct syntax to assign an array named *arr* of 5 elements to a pointer *ptr*?

- ▶ *ptr = arr ;
- ▶ ptr = arr ;
- ▶ *ptr = arr[5] ;
- ▶ ptr = arr[5] ;

Question No: 14 (Marks: 1) - Please choose one

What will be the correct syntax to access the value of fourth element of an array using pointer ptr?

- ▶ ptr[3]
- ▶ (ptr+3)
- ▶ *(ptr+3)
- ▶ Both 1 and 3

Question No: 15 (Marks: 1) - Please choose one

If most significant bit of un-signed number is 1 then it represents a positive number.

- ▶ True
- ▶ False

Question No: 16 (Marks: 1) - Please choose one

If there is a symbol (& sign) used with the variable name followed by data type then it refers to _____ and if & is being used with variable name then it refers to _____.

- ▶ Address of variable, reference variable

- ▶ Reference variable, value of variable
- ▶ Reference variable, address of variable
- ▶ Address of variable, value of variable

Question No: 17 (Marks: 1) - Please choose one

We can also do conditional compilation with preprocessor directives.

- ▶ True
- ▶ False

Question No: 18 (Marks: 1) - Please choose one

The default value of a parameter can be provided inside the _____

- ▶ function prototype
- ▶ function definition
- ▶ both function prototype or function definition
- ▶ none of the given options.

Question No: 19 (Marks: 1) - Please choose one

Classes defined inside other classes are called _____ classes

- ▶ looped
- ▶ nested
- ▶ overloaded
- ▶ none of the given options.

Question No: 20 (Marks: 1) - Please choose one

What purpose do classes serve?

- ▶ Data encapsulation
- ▶ Providing a convenient way of modeling real-world objects
- ▶ Simplifying code reuse
- ▶ All of the given options

Question No: 21 (Marks: 1) - Please choose one

Every class contains _____.

- ▶ Constructor
- ▶ Destructor
- ▶ Both a constructor and a destructor
- ▶ None of the given options

Question No: 22 (Marks: 1) - Please choose one

`new` operator is used to allocate memory from the free store during

- ▶ Compile Time
- ▶ Run Time

- ▶ Link Time
- ▶ None of the given options

Question No: 23 (Marks: 1) - Please choose one

When an object of a class is defined inside another class then,

- ▶ Destructor of enclosing class will be called first
- ▶ Destructor of inner object will be called first
- ▶ Constructor and Destructor will be called simultaneously
- ▶ None of the given options

Question No: 24 (Marks: 1) - Please choose one

It is possible to define a class within another class.

- ▶ True
- ▶ False

Question No: 25 (Marks: 1) - Please choose one

New and Delete are also used with _____ and data types as well.

- ▶ Class, Objects
- ▶ Structures, Pointers
- ▶ Both Class and structures
- ▶ None of above

Question No: 26 (Marks: 1) - Please choose one

With New keyword, data types and class members are initialized with meaningful values instead of garbage.

▶ True

▶ False

Question No: 27 (Marks: 2)

How many arguments a Unary Operator take? Can we make a binary operator as unary operator?

Ans: Unary operator takes only one argument like `i++` or `i--` (Post increment or post decrement operators for integers) or `++i`, `--i` (Pre increment or pre decrement operators for integers), we can not make Unary operator as binary or binary as Unary operator.

Question No: 28 (Marks: 2)

Which arithmetic operators cannot have a floating point operand?

Ans:

Modulus operator

This operator can only be used with integer operands ONLY

Question No: 1 (Marks: 1) - Please choose one

C language is developed by

▶ Bill Gates

▶ Robert Lafore

▶ Dennis Ritchie

▶ Deitel & Deitel

Dennis Ritchie developed a general purpose language, called C language pag no 12

Question No: 2 (Marks: 1) - Please choose one

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

- ▶ 0
- ▶ -32
- ▶ 65531
- ▶ -4.0

Question No: 3 (Marks: 1) - Please choose one

In flow chart, the symbol used for decision making is,

- ▶ Rectangle
- ▶ Circle
- ▶ Arrow
- ▶ **Diamond**

Then draw a line to its right and use the decision symbol i.e. diamond diagram. Pag no 51

Question No: 4 (Marks: 1) - Please choose one

Switch statement deals with,

- ▶ Integer data only
- ▶ float data only
- ▶ character data only
- ▶ **Integer and character data**

Question No: 5 (Marks: 1) - Please choose one

Default case in switch statement is,

- ▶ Must
- ▶ **Optional**
- ▶ syntax error
- ▶ Necessary

The *default* statement is optional. If there is no *case* which matches the value of the *switch* statement, then the statements of *default* are executed pag no 68

Question No: 6 (Marks: 1) - Please choose one

http://vustudents.ning.com
*.doc is _____ by type.

- ▶ **Sequential File**
- ▶ Random Access File
- ▶ Data File
- ▶ Record File

Question No: 7 (Marks: 1) - Please choose one

Member function tellg() returns the current location of the _____ pointer.

- ▶ **tellptr()**
- ▶ write()
- ▶ seekg()

- ▶ get()

Question No: 8 (Marks: 1) - Please choose one

s
Dealing with structures and functions passing by reference is the most economical method

<http://vustudents.ning.com>

- ▶ True

- ▶ False

Question No: 9 (Marks: 1) - Please choose one

In C/C++ all character strings are terminated with,

- ▶ Null character
- ▶ String
- ▶ Zero
- ▶ Full stop

http://www.vuzs.net/index.php?option=com_content&view=article&id=306:cs201-spring2009-4-solved-by-vuzs-team-with-reference&catid

Question No: 10 (Marks: 1) - Please choose one

Word processor is <http://vustudents.ning.com>

- ▶ Operating system

- ▶ **Application software**
- ▶ Device driver
- ▶ Utility software

Question No: 11 (Marks: 1) - Please choose one

Which of the following can not be a variable name?

- ▶ area
- ▶ area
- ▶ **10area**
- ▶ area2

Question No: 12 (Marks: 1) - Please choose one

Which looping process is best, when the number of iterations is known?

- ▶ for
- ▶ **while**
- ▶ do-while
- ▶ all looping processes require that the iterations be known

Question No: 13 (Marks: 1) - Please choose one

By default an array of characters is passed by value to a function,

- ▶ True

- ▶ **False**

Question No: 14 (Marks: 1) - Please choose one

Which of the following operator is used to access the address of a variable?

- ▶ * operator
- ▶ -> operator
- ▶ && operator
- ▶ **& operator**

Question No: 15 (Marks: 1) - Please choose one

The name of an array represents address of first location of array element.

- ▶ True
- ▶ **False**

Compiler is a

- ▶ System software
- ▶ **Application Software**
- ▶ Driver
- ▶ Editor

Question No: 2 (Marks: 1) - Please choose one

If Num is an integer variable then Num++ means,

- ▶ Add 1 two times with Num
- ▶ **Add 1 with Num**
- ▶ Add 2 with Num
- ▶ Subtract 2 from Num

Question No: 3 (Marks: 1) - Please choose one

For one byte there are _____ combinations of values that can be stored in computer.

- ▶ 2^6
- ▶ 2^7
- ▶ **2^8**
- ▶ 2^4

http://vuzs.net/index.php?option=com_content&view=article&id=431:cs201-mid-for-vuzs&catid=315&Itemid=54

Question No: 4 (Marks: 1) - Please choose one

In C/C++ language the header file which is used to perform useful task and manipulation of character data is

- ▶ cplex.h
- ▶ **ctype.h**
- ▶ stdio.h

- ▶ delay.h

The function toupper and islower are part of the character handling library <ctype.h>

Question No: 5 (Marks: 1) - Please choose one

Default case in switch statement is,

- ▶ Must
- ▶ **Optional**
- ▶ syntax error
- ▶ Necessary

Question No: 6 (Marks: 1) - Please choose one

When break statement is encountered in switch statement, it

- ▶ Stops the entire program
- ▶ Stops the execution of current statement
- ▶ **Exits from switch statement**
- ▶ None of the given options

Question No: 7 (Marks: 1) - Please choose one

What will be the result of arithmetic expression $6+27/3*3$? <http://vustudents.ning.com>

- ▶ **33**
- ▶ 45
- ▶ 9

▶ 30

Question No: 8 (Marks: 1) - Please choose one

What is the correct syntax to declare an array of size 10 of int data type?

- ▶ `int [10] name ;`
- ▶ `name[10] int ;`
- ▶ **`int name[10] ;`**
- ▶ `int name[] ;`

Question No: 9 (Marks: 1) - Please choose one

How many dimensions does n-dimensional array has?

- ▶ **n dimensions**
- ▶ 2n dimensions
- ▶ (n+1) dimensions
- ▶ (n-1) dimensions (Array starts from 0th element)

Question No: 10 (Marks: 1) - Please choose one

What will be the correct syntax to access the value of fourth element of an array using pointer ptr?

- ▶ **ptr[3]**
- ▶ (ptr+3)
- ▶ *(ptr+3)
- ▶ Both 1 and 3

Question No: 11 (Marks: 1) - Please choose one

Which of the following values C++ use to represent true and false?
<http://vustudents.ning.com>

- ▶ **1 and 0**
- ▶ 1 and -1
- ▶ 11 and 00
- ▶ Any numerical value

Question No: 12 (Marks: 1) - Please choose one

Declaring structures does not mean that memory is allocated.

- ▶ **True**
- ▶ False

Question No: 13 (Marks: 1) - Please choose one

For which array, the size of the array should be one more than the number of elements in an array?

- ▶ int

- ▶ double
- ▶ float
- ▶ char

Question No: 14 (Marks: 1) - Please choose one

If a variable is passed by value to a function and the function makes some changes to that variable then it

- ▶ **does not affect the original variable**
- ▶ *affects the original variable*
- ▶ causes syntax error
- ▶ None of the given options

Question No: 15 (Marks: 1) - Please choose one

In C/C++ the #include is called,

- ▶ Header file
- ▶ **Preprocessor Directive**
- ▶ Statement
- ▶ Function

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Question No: 16 (Marks: 1) - Please choose one

Loops are ----- Structure.

- ▶ Decision
- ▶ **Repetition**
- ▶ Sequential
- ▶ Hierarchical

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