

C ++ 1 Chapter 10 Test

Copyright © 01/25/2000 Carltons' Computer Consulting

This material may be used for public education purposes and may not be used for profit without written consent from Carltons' Computer Consulting.

Name: _____ Group: _____

1.) The _ is the dereferencing operator.

- a)* b)& c)% d)@

2.) The _ is the "address of" operator.

- a)* b)& c)% d)@

3.) The _ is used to declare a pointer.

- a)* b)& c)% d)@

4.) The __ is used to get the value of the variable the pointer is pointing to.

- a)* b)& c)% d)@

5.) The _ is used to change the value of the variable the pointer is pointing to.

- a)* b)& c)% d)@

What is the output of the following code fragment.

```
        {    int x=5;
            int *yptr=&x;
_____6.)    cout << x;

_____7.)    cout <<yptr;

_____8.)    cout <<*yptr;
            *yptr=x*2;
_____9.)    cout <<*yptr;

_____10.)   cout << x; }
```

- a) 5 b) & c) address of X d) 10 e) 2

- 11.) Structures allow variables to be grouped to form a new ____.
a) members b) data type c) function d) pointer
- 12.) The parts of a structure are called ____.
a) members b) data type c) function d) pointer
- 13.) The ____ operator is used to access data from structures.
a) * b) & c) % d) .
- 14.) enum allow a programmer to create their own ____.
a) members b) data type c) function d) pointer
- 15.) The scope of a variable refers to the ____ of the variable.
a) global b) value c) availability d) reference

What is the output of the following code fragment.

```
_____ 16.)      char my_word[5] = "book";  
                 cout << my_word<<'\n';  
                 my_word[3] = 't';  
_____ 17.)      cout << my_word<<'\n' ;  
                 my_word[0] = 's';  
_____ 18.)      cout << my_word<<'\n';  
                 *(my_word + 3) = 'n';  
_____ 19.)      cout<<my_word<<'\n';  
                 my_word[2] = 'w';  
_____ 20.)      cout << my word<<'\n';
```

a) book b) soon c) boot d) soot e) sown

21.) Will this code pass by value, reference, or by address?

```
My_function(int &x)
```

a) value b) reference c) address

what is the output of the following code fragment?

```
int function (int a);
```

```
main()
```

```
{
```

```
    int x=5;
```

```
_____ 22.)                cout << function (x);
```

```
_____ 23.)                cout <<x;
```

```
}
```

```
int function (int a)
```

```
{
```

```
    int x;
```

```
    x= a*10;
```

```
    return x;
```

```
}
```

Copyright © 01/25/2000 Carltons' Computer Consulting

This material may be used for public education purposes and may not be used for profit without written consent from Carltons' Computer Consulting.