

C++ II week 2 Test

Name:

Group:

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1.) The is the de-referencing 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.

- ```
char my_word[5] = "book";
```
- \_\_\_\_\_ 16.)      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;
```

```
}
```

a) 5

b) X

c) address of X

d) 10

e) 50