QUESTION 1

Which of the following is true about this pointer?

It is passed as a hidden argument to all function calls

It is passed as a hidden argument to all non-static function calls

It is passed as a hidden argument to all static functions

None of the above

2 points

QUESTION 2

Which of the following correctly displays the memory address of the variable named menu?

int menu = 23;
cout << *menu;
cout << menu;
cout << &menu;
cout << &menu*;

2 points

QUESTION 3

Examine the following C++ code. Which variable is the pointer?

int r, j;

char *options;

float &pathogens;

options

pathogens

r

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j

2 points

QUESTION 4

Which of the following code snippet can be used to access/print the first index of single dimensional array of integer pointer ptr?

cout<<ptr;

cout<<*ptr[0];

cout<<*ptr;

cout<<*(ptr+0)

2 points

QUESTION 5

Which of following is right syntax to get the single dimensional char array "arr" whole value through char pointer "ptr"?

ptr=arr;

*ptr=arr;

ptr=&arr;

*ptr=arr[0];

2 points

QUESTION 6

_____ is a variable that is used to store a memory address.

array

pointer

dynamic array

memory

2 points

QUESTION 7

Which of the following is the right syntax to allocate the memory dynamically?

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int * ptr=new;
int *ptr=new[ ];
int *ptr=new int;
int ptr=new int;

2 points

QUESTION 8

Which of the following type of pointer can refer to variable for any type?

reference
void
empty
null

2 points

QUESTION 9

Which of the following is the right syntax to de-allocate a single dimensional array of integer pointer dynamically?

delete ptr;
delete [ ] ptr;
del [ ] ptr;
del ptr [ ] ;

2 points

QUESTION 10

Which of the following is the right syntax to allocate a single dimensional array of integer pointer dynamically?

int *ptr=new [ ]int;
int * ptr=new;
int * ptr=new[];
int *ptr=new int [5];

2 points

QUESTION 11

Which of the following is the right syntax to de-allocate the dynamic memory?

delete ;
delete ptr;
delete [ ] ;
del;

2 points

QUESTION 12

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Which of the following code snippet can be used to access/print the second index of single dimensional array of integer pointer ptr?

cout<<*ptr[1];

cout<<*(ptr 1);

cout<<ptr[1];

cout<<*ptr+1;

2 points

QUESTION 13

Which of the following below statement(s) is true about pointers?

A pointer is a keyword.

A pointer is a data type.

A pointer holds the address.

All of the above

2 points

QUESTION 14

Which of the following is the right syntax for declaring the pointer p?

int p;

int p*;

*int p;

int *p;

2 points

QUESTION 15

A pointer that is not initialized is called ____.

dereference pointer

dangling pointer

null pointer

empty pointer

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