Q-19

Due No due date **Points** 10 **Questions** 12 **Time Limit** 30 Minutes **Allowed Attempts** Unlimited

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Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	9 minutes	10 out of 10

Correct answers are hidden.

Submitted Jul 21 at 3:38pm

Question 1

1 / 1 pts

Which array definition contains undefined values?

```
int SIZE = 3;
int a1[SIZE];
int a2[3];
int a3[3]{};
int a4[] = {1, 2, 3};
int a5[3] = {1, 2};
```

- [x] a2
- [ ] None of these
- [ ] a3
- [ ] a5
- [ ] a1

Question 2

1 / 1 pts

Which array definition produces ***{1, 2, 0}***?

```
int SIZE = 3;
int a1[SIZE];
int a2[3];
int a3[3]{};
int a4[] = {1, 2, 3};
int a5[3] = {1, 2};
```

- [x] a5
- [ ] None of these
- [ ] a2
- [ ] a1
- [ ] a3

Question 3

1 / 1 pts

Which assigns a value to the first position in ***letters***?

```
char letters[26];
```

- [ ] letters.front() = 'a';
- [ ] letters[1] = 'b';
- [x] letters[0] = 'a';
- [ ] letters = 'a';
- [ ] letters[0] = "a";

Question 4

1 / 1 pts

Which array definition produces ***{0, 1, 2}***?

```
int SIZE = 3;
int a1[SIZE];
int a2[3];
int a3[3]{};
int a4[] = {1, 2, 3};
int a5[3] = {1, 2};
```

- a5
- None of these
- a1
- a3
- a2

Question 5

0.5 / 0.5 pts

The elements of a C++ array created in a function are allocated in the static storage area.

- True
- False

Question 6

0.5 / 0.5 pts

If ***size_t len = 0***; then ***len - 1*** is the largest possible unsigned number.

- True
- False

Question 7

0.5 / 0.5 pts

You may use any kind of integral variable to specify the size of a built-in C++ array.

- True
- False

Question 8

0.5 / 0.5 pts

If ***size_t len = 0***; then ***len - 1*** is the smallest possible unsigned number.

- True
- False

Question 9

1 / 1 pts

What is the equivalent ***array notation***?

```
int dates[10];
cout << *dates + 2 << endl;
```

- dates[2] + 2
- dates[2]
- &dates[2]
- dates[0] + 4
- dates[0] + 2

Question 10

1 / 1 pts

What prints?

```
int a[] = {1, 3, 5, 7, 9};
int *p = a;
cout << *++p;
cout << *p << endl;
```

- 33
- None of these
- 22
- 13
- 12

Question 11

1 / 1 pts

What prints?

```
int a[] = {1, 3, 5, 7, 9};
int *p = a;
cout << ++*p;
cout << *p << endl;
```

- 33
- 22
- None of these
- 13
- 12

Question 12

1 / 1 pts

Here is a fragment of pseudocode for the ***negative()*** function from your homework. What statement represents the underlined portion of code?

```
Let p point to beginning of the image
Let end be pixel one past the end of the image
While p != end
    Invert the red component
    Move p to next component
```

- *p++;
- p++;
- None of these
- *p = p + 1;
- &p++;