C201 Review Questions #8

Feel free to talk to other people around you.

True or False

1) _____ The same array can hold both floats and integers.
2) _____ An array that is declared to be 5 characters long actually holds 6 elements.
3) _____ If A has been declared as "char A[4];", then A can be assigned via 'A = "abcd";'
4) _____ C++ Array sizes must be decided in advance by the programmer.
5) _____ If there are fewer initializers in an initializer list than the number of elements in the array, then the remaining elements are initialized to the last value in the list.
6) _____ It is an error if an initializer list contains more initializers than there are elements in list.
7) _____ When an array is passed to a function, the address of the first element of the array is passed by value to the function.
8) _____ Arrays and strings are constant pointers.
9) _____ C++ has two dimensional arrays, but not three dimensional.
10) _____ The library string.h contains the islower function.

11) Determine the output from the following program.

```
int F(int *, int *);

main()
{
   int A[] = {1,2};
   int B = 4, C;
   int *P = &B;

   C = F(A,P);

   cout << "A[0]= " << A[0] << " A[1]= " << A[1] << endl;
   cout << " B= " << B << " C= " << C << endl;
}

int F (int *M, int *N)
{
  *N = 123;
  M[0] = 6;
  return 789;
}
```