

Name: _____

Score: _____

Group discussion is encouraged.

1. (5 points) True or False? The single statement

```
cin >> alpha >> beta;
```

may be used in place of the two statements

```
cin >> alpha;
```

```
cin >> beta;
```

A. True

B. False

2. (5 points) What is the purpose of the following statement?

```
ifstream inData;
```

```
inData.open("datafile.dat");
```

3. (5 points) Given the two lines of input data

```
ABC
```

```
DEF
```

what value is read into `ch` by the following code? (`str` is of type `string`, and `ch` is of type `char`.)

```
getline(cin, str);
```

```
cin.get(ch);
```

A. 'B'

B. ' ' (blank)

C. 'C'

D. 'D'

E. none of the above

4. (5 points) Given the two lines of input data

```
A1B
```

```
CDE
```

what value is read into `ch3` by the following code? (All variables are of type `char`.)

```
cin.get(ch1);
cin.get(ch2);
cin.get(ch3);
```

- A. 'B'
- B. ' ' (blank)
- C. 'C'
- D. 'D'
- E. none of the above

5. (5 points) Given the three lines of input data

```
111 222 333
444 555 666
777 888 999
```

what value is read into gamma by the following code? (All variables are of type int.)

```
cin >> alpha;
cin.ignore(500, '\n');
cin >> beta >> gamma;
```

- A. 333
- B. 444
- C. 555
- D. 777
- E. none of the above

6. (5 points) Given the three lines of input data

```
10 20 30 40 50 60
10 20 30 40 50 60
10 20 30 40 50 60
70 80
```

The input statements that read it are

```
cin >> a >> b >> c;
cin.ignore(100, '\n');
cin.get(ch1);
cin >> d >> e >> f;
cin.ignore(100, '\n');
cin.ignore(100, '\n');
cin >> a >> b;
```

what are the contents of the variables `a`, `b`, `c`, `d`, `e`, and `f` after the statements have executed?

7. (5 points) An input line consists of a person's first and last initials, separated by a blank:

M H

Which of the following correctly inputs the person's initials into the char variables `firstInit` and `lastInit`?

- A. `cin >> firstInit >> lastInit;`
 - B. `cin >> firstInit >> ' ' >> lastInit;`
 - C. `cin >> firstInit;`
`cin.ignore(1, '\n');`
`cin >> lastInit;`
 - D. b and c above
 - E. a and c above
8. (5 points) Which of the following is a valid input statement?
- A. `cin >> studentAge;`
 - B. `cin << studentAge;`
 - C. `studentAge >> cin;`
 - D. `tudentAge << cin;`
 - E. a and c above
9. (5 points) Given the following program

```
string st;  
char ch;  
int a;  
  
cin >> st >> a;  
cin >> ch;  
  
cout << st << ch << a << endl;
```

what is printed with the following as input data to the program?

csc_1321_-

- A. csc1321-
- B. 1321-csc
- C. csc-1321
- D. -csc1321
- E. none of the above