Nov, 1997) 网络笔 纤维排移

共8題(不必抄題) 与共105分(超過100分以100分計)

1.(10%) Given these values for the int variables i, j, m, and n: i=6, j=7, m=11, n=11 what is the output of the following code?

```
cout << "Madam";

if (i < j) \( \sigma \)

if (in <= n) \( \cout << \sigma \)

cout << "How";

clsc \( \cout << \sigma \)

cout << "I'm";

if (i>= m) \( \cout << \sigma \)

cout << "Gow";

clsc \( \cout << \sigma \)

cout << "Adam";
```

2.(10%) Match each logical expression in the left column with the logical expression in the right column that tests for the same condition.

```
a. x < y & & y < z
b. x > y & & y > = z
c. x = y || y = z
d. x = y & y = z
e. x = y & y = z
(1) |(x = y) & & y = z
(2) |(x < y) & y < z|
(3) |(y < z) & y = z|
(4) |(x > y) & & |(y > z)|
(5) |(x = y) & & |(y > z)|
```

3.(10%) What is printed by the following program fragment? (All variables are of type int.)

4.(10%) What is the output of the following code?

```
for (j = 0; j < 10; j++){
    i = 10 - j;
    while (--i){
        cout << i;
    }
    cout << endl;
}
```

```
5 (10%) What is the output of the following code?
```

```
void test (int&, int);
int main()
{
    int a;
    int b;
    a = 4; b = 3;
    test (a, b);
    b += 10;
    cout << "from main: a=" << a' << ",b=" << b << endl;
    return 0
}

void test (int& b, int a)
{
    b' += 5;
    a += 2;
    cout << "from test: a=" << a << ";b=" << b << endl;
}</pre>
```

6.(15%) What is the output of the following code?

7 (20%) What are the outputs of the following code?

```
int dance (int&, int);
int x;
int main()
{
    int y, z;
    x = 6;
```

```
y = x + 2;
                                                                                                                                            z = y + 3
                                                                                                                                      z = z + dance(z, y),
                                                                                                                                              z = z + dance(y, z)
                                                                                                                                            cout << " x = \frac{1}{2} \frac{1}{2
                                                                                                                                               return 0:
                                                                                                    int dance (int& y, int(z)
                                                                                                                                          x = (++y)'+(z++)
                                                                                                                                               cout << \frac{\alpha}{x} = \frac{\alpha}{x} << x << \frac{\alpha}{y} = \frac{\alpha}{x} << y << \frac{\alpha}{x} = \frac{\alpha}{x} << \frac{\alpha}{x} << \frac{\alpha}{x} = \frac{\alpha}{x} << \frac{\alpha}{x} << \frac{\alpha}{x} = \frac{\alpha}{x} << \frac{\alpha}{x} << \frac{\alpha}{x} << \frac{\alpha}{x} = \frac{\alpha}{x} << \frac
                                                                                                                                                 returi(Z)
8.(20%) What is the output of the following code?
                                                                                                       void ZeroOut (int[], int);
                                                                                                         void PT (int[], int, int);
                                                                                                       int main()
                                                                                                                                                     int rel[6] = \{23, 12, 7, 15, 6, 11\};
                                                                                                                                                     PT (rel, 1, 5);
                                                                                                                                                         ZeroOut (rel+2, 3);
                                                                                                                                                         PT (rel+1) 1, %)/
                                                                                                                                                         return 0;
                                                                                                               }
                                                                                                               void ZeroOut (int arr[], int n)
                                                                                                                {
                                                                                                                                                       int i;
                                                                                                                                                          for (i = 0; i < n; i++)
                                                                                                                                                          arr[i] = 0;
                                                                                                                  void PT (int arr[],/int x, int y)
                                                                                                                                                              int i;
                                                                                                                                                              for (i = \dot{x}; i < x + y; i + +)
                                                                                                                                                                                                          cout << arr[i];
                                                                                                                                                                                                            cout << enaig
                                                                                                                      }
```