**Name and Neptun code: ……………………………………………………………….**

**Duration 5 minutes.**

1. 0x2A convert it into binary and decimal numbering system
2. 0x4A + 0x71 = ? Please write result in binary and hexadecimal numbering system.
3. Char ch1=’FACE’ is this declaration is possible? If yes, why? If not, why?
4. Complete the code which giving following expected result. Please use while loop.

int main () {

/\* local variable definition \*/

int a = 10;

/\* complete code here \*/

return 0;

}

**Expected result:**

value of a: 10

value of a: 11

value of a: 12

value of a: 13

value of a: 14

value of a: 15

value of a: 16