Student Name:

Student ID:

				E. What is the value of x if the value of y is 10? If the	
Question 1 (5 Marks)				value entered from keyboard as 10 int main()	
A. A escape sequence for the new line is				m mainty {	
□\t □\r □\n □\n				int $x=0,y=0$ ; cout << "Enter the value of y";	
				cour \ Enter the value of y, cin>>y;	
B. The output statement in the C++ program is by				if(y>=10)	
using the Header iostream. □cin □cout □printf □scanf				x=1; $cout << x;$	
	Cout	□printf	□scanf	1	
C. #include <iostreamusing namespace="" s<="" td=""><td></td><td></td><td></td><td>x=0</td><td>X=1</td></iostreamusing>				x=0	X=1
int main()	siu,			No Result	Wrong Input
{					
int $x = 8$ ; cout<++ $x * 3 << "," << x$ ;				Question 2 (5 Marks)	
}				Convert the helow nr	ogram from while loop to
				Convert the below program from while loop to for loop	
a) 24, 8 b) 24, 9					
c) 27, 9 d) 27, 9 (repeated)				#include <iostream> using namespace std;</iostream>	
			peated)	using namespace std,	
				int main()	
D. What is the output of the following code if the grade is more than 60? //in the program grade=60 int main() {  int grade=60;  if(grade >= 60)  cout<<"passed";  else  cout<<"Failed ";				{ int grade, counter=0; while(counter<10) { cout<<"Enter the Grade: "; cin>>grade; if(grade>=60) cout<<"Passed"; else cout<<"Failed";	
cout<<"Do Better";				counter++;	
}		Dagged	Do Better	3	
□Passed	□Failed	Wrassed	Do Dellei	(nhi)	" (++) "
□Failed Do Better	그렇게 되었다면 그 그 그 그를 보면 하는 것이 하셨습니다. 그런			for (i=0; if the brade)	
				S Cons	contact passed;

king Saud University
College of Computer and
Information Sciences
Computer science department

Midterm 1 Spring 2017 Cs201-Programming in C++ 15 Marks

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```
Question 3 (5 Marks) //this is java program not
c++
a) Convert the following switch statement into if -else
                                                        Cout < Enter a number;
   statement
      int choice = input.nextInt();
                                                         Cin>> n;
      switch (choice)
                                                        if (x = = 4)
    1
       case 1:
       System.out.println("one");
       case 2:
                                                          else
       System.out.println("two");
                                                             if (n == 2)
       break;
                                                              Cont K "Two";
       case 3:
       System.out.println("three");
                                                              else
       break;
                                                               if (n = = 3)
       case 4:
                                                              and as "Three";
       System.out.println("four");
       case 5:
                                                              else if (x = = 4)
        System.out.println("five");
                                                                   Cont ec Frm"
        break;
        default:
                                                                else if (n = = 5)
        System.out.println("Invalid Entry");
                                                                   cont a five?
        break;
                                                                else conta Invalidenting.
      -
```