College: ATTC College

Course: Electric

Instructor:

1. In the given figure shows a 4-bit serial in parallel out right shift register. The initial contents as shown are 0110. After 3 clock pulses the contents will be



1. 0000
2. 0101
3. 1010
4. 1111

ANSWER: C

1. The complement of exclusive OR function is
	1. AB + A’B
	2. AB + A’B’
	3. A’B + A
	4. AB + AB’

Answer: B

1. **What is the output of this program?**

#include”iostream”

 using namespace std;

 void copy (int& a, int& b, int& c)

{ a \*= 3; b \*= 3; }

int main ()

{

int x = 2, y = 5, z = 7;

copy (x, y, z);

c \*= 2;

cout << "x =" << x << ", y =" << y << ", z =" << z;

return 0; }

* 1. x =6, y =15, z =21
	2. x =3, y =6, z =5
	3. x =4, y =10, z =14
	4. None of the above

ANSWER: A

1. What is the primary purpose of encapsulation in OOP?
2. To promote code reusability
3. B) To prevent data from being accessed directly
4. C) To create hierarchical relationships between classes
5. D) To allow objects to behave differently in different contexts

ANSWER: B