22 Lecture - CS201

Important Mcqs

1.	What is the result of the following bitwise AND operation?
	yaml
	Copy code
	1010 & 1101
	a) 0000 b) 1000 c) 1010 d) 1101
	Answer: b) 1000
2.	What is the result of the following bitwise OR operation?
	yaml
	Copy code
	1010 1101
	a) 0000 b) 1000 c) 1011 d) 1111
	Answer: c) 1011
3.	What is the result of the following bitwise XOR operation?
	yaml
	Copy code
	1010 ^ 1101
	a) 0000 b) 0111 c) 1011 d) 1111

Answer: c) 1011

4.	What is the result of the following left shift operation?				
	bash				
	Copy code				
	2				
	a) 0010 b) 0100 c) 1000 d) 101000				
	Answer: d) 101000				
5.	What is the result of the following right shift operation?				
	yaml				
	Copy code				
	1010 >> 2				
	a) 0010 b) 0100 c) 1000 d) 0000				
	Answer: a) 0010				
6.	What is the result of the following unsigned right shift operation?				
	diff				
	Copy code				
	a) 0010 b) 0100 c) 1000 d) 11111111111111111111110101				
	Answer: d) 11111111111111111111111111111111111				
7.	What is the result of the following bitwise NOT operation?				
	Copy code				
	p, 9999				

a) 0101			
b) 0101			
c) 1101			
d) 01011			

Answer: c) 0101

8. What is the result of the following bitwise AND assignment operation?

CSS			
		Copy code	
1010	1101		

a) a = 0000

b) a = 1000

c) a = 1010

d) a = 1101

Answer: b) a = 1000

What is the result of the following bitwise XOR assignment operation?

caa

CSS				
			Copy code	
	1010	1101		

a) a = 0000

b) a = 0111

c) a = 1011

d) a = 1111

Answer: c) a = 1011

10. What is the result of the following left shift assignment operation?

2

CSS

Copy code

a) a = 0010

b) a = 0100

c) a = 1000

d) a = 101000

Answer: d) a = 101000

1010