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) 111111111111111111111110101			
	Answer: d) 11111111111111111111111111111111111			
7.	What is the result of the following bitwise NOT operation?			
	Copy code			

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?

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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