## 2 Lecture - CS302

## Important Mcqs

1. Which number system uses base 2?
A) Decimal
B) Binary
C) Octal
D) Hexadecimal

Answer: B
2. How many digits are there in binary system?
A) 8
B) 10
C) 2
D) 16

Answer: C
3. What is the base of the octal number system?
A) 2
B) 8
C) 10
D) 16

Answer: B
4. Which number system uses the digits 0-9 and letters A-F?
A) Decimal
B) Binary
C) Octal
D) Hexadecimal

Answer: D
5. What is the value of the binary number 1101 in decimal form?
A) 5
B) 7
C) 9
D) 13

Answer: D
6. What is the value of the octal number 73 in decimal form?
A) 47
B) 57
C) 63
D) 83

Answer: B
7. What is the value of the hexadecimal number AC in decimal form?
A) 170
B) 172
C) 174
D) 176

Answer: B
8. Which number system is used to represent colors in HTML?
A) Decimal
B) Binary
C) Octal
D) Hexadecimal

Answer: D
9. What is the process of converting a decimal number to a binary number?
A) Repeatedly dividing the decimal number by 10
B) Repeatedly dividing the decimal number by 2
C) Repeatedly dividing the decimal number by 8
D) Repeatedly dividing the decimal number by 16

Answer: B
10. What is the process of converting a binary number to a decimal number?
A) Multiplying each digit of the binary number by 2 and summing the products
B) Multiplying each digit of the binary number by 8 and summing the products
C) Multiplying each digit of the binary number by 10 and summing the products
D) Multiplying each digit of the binary number by 16 and summing the products

Answer: A

