34 Lecture - CS501

Important Mcqs

1. **What is the base of the binary number system?**
   A. 8
   B. 10
   C. 2
   D. 16
   <mark>Answer: C</mark>

   What is the base of the octal number system?
   A. 2
   B. 8
   C. 10
   D. 16
   <mark>Answer: B</mark>

   What is the base of the hexadecimal number system?
   A. 2
   B. 8
   C. 10
   D. 16
   <mark>Answer: D</mark>

   What is the decimal equivalent of the binary number 1010?
   A. 8
   B. 10
   C. 12
   D. 16
   <mark>Answer: C</mark>

   What is the decimal equivalent of the octal number 63?
   A. 51
   B. 54
   C. 57
   D. 60
   <mark>Answer: D</mark>

   What is the binary equivalent of the decimal number 29?
   A. 11101
   B. 10111
   C. 10011
   D. 11001
   <mark>Answer: A</mark>

   What is the octal equivalent of the decimal number 95?
   A. 137

B. 147
C. 157
D. 167
<mark>Answer: B</mark>

What is the hexadecimal equivalent of the binary number 1110101?
A. 4D
B. 5D
C. 6D
D. 7D
<mark>Answer: A</mark>

What is the decimal equivalent of the hexadecimal number 2A?
A. 38
B. 40
C. 42
D. 44
<mark>Answer: C</mark>

What is the binary equivalent of the octal number 53?
A. 100101
B. 101010
C. 110001
D. 111000
<mark>Answer: C</mark>