

# 1 Lecture - CS302

## Important Mcqs

1. Which number system is commonly used in computing? a. Decimal b. Binary c. Octal d. Hexadecimal  
Answer: b
2. What is the base of the octal number system? a. 2 b. 8 c. 10 d. 16  
Answer: b
3. What is the value of the binary number 1011 in decimal? a. 5 b. 8 c. 10 d. 11  
Answer: d
4. What is the value of the hexadecimal number A2 in decimal? a. 101 b. 162 c. 1620 d. 413  
Answer: b
5. What is the binary equivalent of the decimal number 27? a. 10101 b. 11010 c. 11101 d. 11110  
Answer: c
6. Which number system has the fewest number of symbols? a. Decimal b. Binary c. Octal d. Hexadecimal  
Answer: b
7. What is the value of the octal number 17 in decimal? a. 8 b. 9 c. 15 d. 23  
Answer: b
8. What is the hexadecimal equivalent of the binary number 1101011? a. 6B b. 7A c. 8C d. 9D  
Answer: a
9. What is the value of the decimal number 56 in octal? a. 56 b. 66 c. 70 d. 78  
Answer: c
10. What is the value of the hexadecimal number 3F in binary? a. 111100 b. 111101 c. 111110 d. 111111  
Answer: b