

# Homework

## Class 0-I

### Subject: Computer Science

NAME: \_\_\_\_\_

PC# \_\_\_\_\_

**Q No. 1: Convert the following binary numbers into decimal/denary.**

- i. 00110011
- ii. 101100011
- iii. 1000000
- iv. 10101

**Q No. 2: Convert the following binary numbers into 8-bit binary form.**

- i. 11110
- ii. 101010
- iii. 0000111
- iv. 1111

**Q No. 2: Convert the following denary/decimal numbers into binary.**

- i. 49
- ii. 100
- iii. 127
- iv. 256

**Q No. 3: Convert the following denary numbers into hexadecimal.**

- i. 55
- ii. 100
- iii. 256
- iv. 127

**Q No. 4: Convert the following binary numbers in to hexadecimal.**

- i. 10101
- ii. 101011
- iii. 100
- iv. 1111111

**Q No. 5: Convert the following hexadecimal numbers into denary/decimal.**

- i. ABC**
- ii. 205**
- iii. B10**
- iv. F16**

**Q No. 6: Differentiate between HTML structure and Presentation.**

**Q No. 7: What do we mean by memory dumps?**

**Q No. 8: Differentiate between MAC Address and IP Address.**

**Q No. 9: What are the different types of MAC addresses? Differentiate between them.**

**Q No. 10: What are the different reasons for which MAC address needs to be changed using Locally Administered MAC Address.**

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