

Number System

Computer
1st july, 2021





Answer the following questions:

1. Convert the following Decimal numbers to their Binary equivalents:

- a) 15
- b) 13
- c) 24
- d) 532

2. Convert the following Binary numbers to their Decimal equivalents:

- a) 10101010
- b) 11101100
- c) 10000001
- d) 10001111

3. Convert the following Octal numbers to their Decimal equivalents:

- a) 128
- b) 147
- c) 457
- d) 123

4. Convert the following Hexadecimal numbers to their Decimal equivalents:

- a) B3AD
- b) 3FF
- c) 36C9
- d) 45E

5. Binary Addition:

- a) $101 + 11$
- b) $111 + 111$



c) $1010 + 1010$

d) $11101 + 1010$

e) $11111 + 11111$

