

Unit 1 and 2 Questions

#Class Assignment

1. Define r 's and $r-1$'s complement. What is the significance of complements?
2. What do you mean by digital operation ? What is the application of clock signal ?
3. What are the applications of Gray codes? Convert $(10010)_G$ to Binary value.
4. Convert the following number system:
 - ✓ $(234)_{10} = (?)_{BCD}$
 - ✓ $(234.456)_8 = (?)_{10}$
 - ✓ $(100101)_2 = (?)_8$
 - ✓ $(ABC.3DC)_{16} = (?)_8$
 - ✓ $(34.789)_{10} = (?)_{16}$
5. List the properties of BCD numbers.