Encoding Schemes

Q1.Briefly explain about the encoding system.

Ans1- Encoding system- Binary representation on number on computer. This is the process to putting the numbers in sequence which is into the specialized format for efficient transmission or storage. In this process data is stored value into 0's and 1's. There are four type of encoding techniques.

1. Analog to Analog encoding system.
2. Digital to Digital encoding system.
3. Analog to Digital encoding system.
4. Digital to Analog encoding system.

Q2- write short notes on Ascii system.

Ans2: ASCII System-ASCII is stand for American Standard Code For Information Interchange. It only encodes English characters, Numbers and symbols. Used only with US based digital system and only for electronic communication. Where Total character are 128(0-127). Where 8bit is used to store in memory, 7 bit binary number are sufficient for characters but first bit is dead bit.

Q3- write the short notes on Unicode system.

Ans3: Unicode system- unicode encoding system is encoding multilingual plain text.Used for special character.Like- emoji, special characters etc.

Q4- write the short notes on ISCII system.

Ans4:ISCII system- Indian Script Code for InformationInterchangeisencoding system.This systemisused for Assamese, Bangla, Devanagari, Gujarati, Gurmukhi, Kannada, Malayalam, Oriya, Tamil, and TeluguFor 11 Indianlanguages.