



5) Mention the types of errors. Define physical addressing.

-> Two general types of errors can occurs:

i) Single bit error

ii) Burst error. i) Dingle Bit Error:It means that only 1 bit of a given data unit is changed
from 1 to 0 or from 0 to 1. ii) Burst Error:
The term burst error means that 2 or more bits in the data unit have changed from 1 to 0 or from 0 to 1. Physical AddressingIn networking physical address refers to a computers

MAC address, which is a unique identifier associated with a

network adaptor that is used for identifier a computer in a network. 6) What is redundancy? Iist out the available detection methods. -> Redundancy is a form of error detection where each data unit is set multiple times, i.e. twice. It the receiver side, the two units are compared and if they are some it is assumed that no transmission errors have occurred. Redundancy is a character redundancy and massage redundancy. When the data is entire massage, it is called massage redundancy.

