Usama one disection mos

many devices as you need. But there are salabilite Conceens and issues that very nodes. These drawbacks are * Bandwidth is shared all the devices within the hetword. So that is 1 imited for legge I number of devices A Mote devices that are added the hotwork, the more Communication hetwork experience * We have to make sure that the notwork besources are not being stretched beyond of devices. estion # 2 Physical addressing:Physical
Shinady address of

gotom of binoty number of MAC addsess. At data link layer this physical addsess is present in frame of hoades. Service -point addressing address. This Is address. Thansport layer reader includes point address. Compasison Service point addressing it possibible collect process the computes.
On the offer hand, Physical addless can identify only so message be delivered to specified by Mann. adolessing is determined by Operating system Ken

Question # 3 Attenuation distostion transmission .N distortion

roise vestion # Electromyrethe Isolation:

of signal onnections isolate data dangerous increases in ground electrical intersence. bee optics cables teansmit signals using pulses in 91955 thread Casses sense Multip (CSMA) is a alless Cattied Hansmisson operates Data - Collision.

Collision Detection: detect, the callision lusing transmission by sensing transumissions from station. When a Collision is Stackts collision resolution algorithm. The Station Continues current transmission with Jam signal to ensure that Stations detect collision # The Station increments the -certainsmission & counter. * If Maximum number of tetransmission is teached then the station about transmission * Other Wise Station for a backward Pexicol which is foregally linedian of the number of Collisiony testant main algorithm. A 9+ only detects collision but cantedny

number of collision.