CS601 ASSIGNMENT 1 FA20

IDEA SALUTING

Question No: 1

Solution:

Sr. No	Question	Answer
1	Which TCP/IP layer will be responsible for end-to-end communication over this network?	Transport Layer
2	Which type of network will be established between network of Karachi branch and network of Lahore branch?	WAN
3	Which device will connect network of Karachi branch with network of Lahore branch?	Router
4	Calculate the total No. of links between computers for Branch No. 1	N (N-1)/2 7(7-1)/2 =7*6/2 =42/2 =21
5	Which topology will be used inside Branch-2 and Branch-3?	Star

Question No: 2

Identify the proper type of transmission mode for each of the following devices.

Solution:

Device	Transmission Mode
Keyboards	Simplex
Television broadcast	Simplex
Telephone conversation	Full duplex
Walkie-Talkie	Half duplex
Loud-Speaker	Simplex