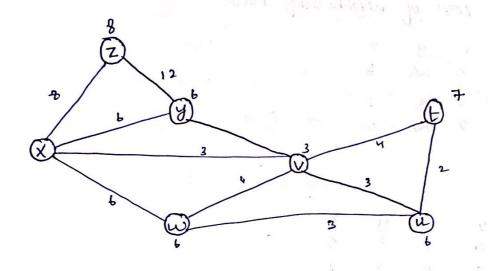
Assignment # 06

Nome: Ahmed Kasteer Roll Number: 20F-0336

Section: 5C

Q1:-

The shortest path from x:-

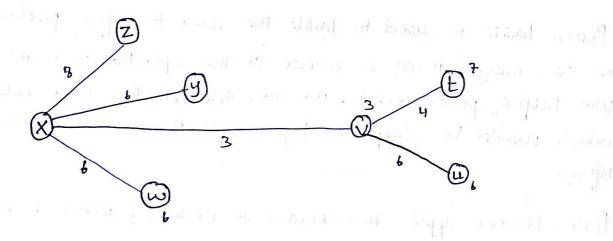


Medica will

1.97

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Final:



in the state was a sund have first women

Diotame vertor table for noele z from network clicgram.

U V X Y Z
V NA NA NA NA NA
X NA NA NA NA NA
Z NA B 2 NA O

upolating table with costs of neighbouring noeles

u v x y z

v 1 0 3 NA b

x NA 3 0 3 2

z NA b 2 NA 0

updated table:

u v x y 2 v 1 0 3 3 5 x y 3 0 3 2 z 6 5 2 5 0

by Poison tackle is used to tackle the court to infinity problems and one can imagine it as a reverse at the split. Horizon method. With help of poison reverse, we can advertise the route advertisement which would be suppressed by a split-Horizon with distance of infinity.

Poison Reverse applies here because our noele z, which is not connected to all other noeles in network.

Q3:- EPGP:-External BGP runs between rowers in different Ass. IBGP:-Internal BGP runs between rowhers in the same As.

- a: EBGP: Rower 3c leams about x from EBGP.
- b:- IBGP: Rower 3a leans about x from IBGP.
- C: EBGP: Rower IC leams about x from EBGP.
- d: IBGP. Rouser 1d learns about x from IBGP.

Question Number: 4# ,.

SDN: Software defined networking is an approach to networking that uses software - based controllers or application programming interface to communicate with underlying handware infrastruture and direct traffic to Network.

Open flow: It is considered one of the first 3DN standard It originally defined the communication protocol in 3DN architecture that enable the SDN controller to cliretty interact with forwarding plane of networking clenies such as switches and routers.

b) 3DN encompasses several types of technologies including functional seperation, network virtualization and automation through programmibility.

