25-Summer-CSE421-1

Name:

Quiz 6-A

Marks: 15

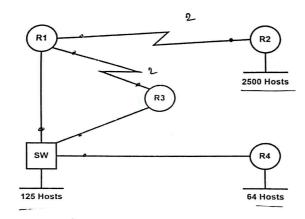
Time: 20 mins

ID:

Serial: '

Your company gave you a broadcast address of 7.16.255.255/18. Your company network needs to be divided into different subnetworks. The topology for your company network is shown on the side. The number of hosts given in the topology only includes the end devices.

- 1. Apply VLSM using the network address derived from the given broadcast address to create the sub network addresses for the topology shown efficiently. [2+10]
- 2. Calculate the number of IP addresses that will be wasted for the R4 LAN [3]



TP -> swart - network