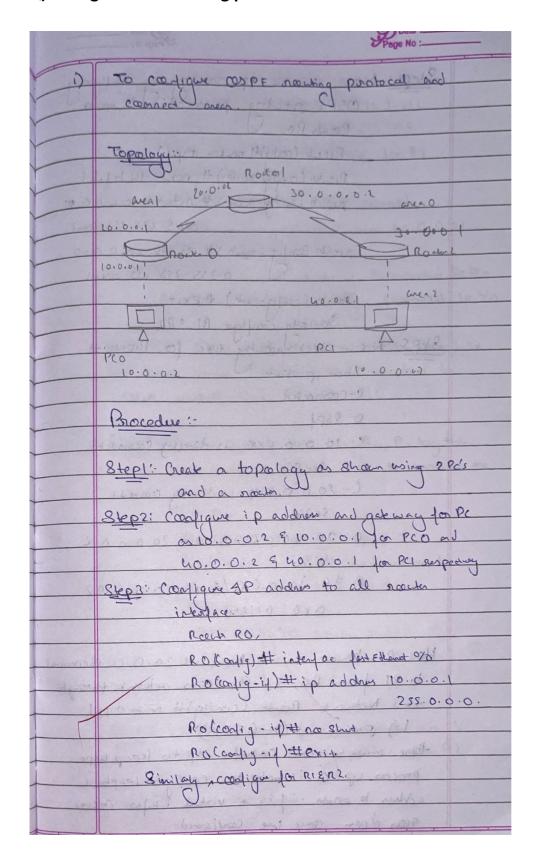
EXPERIMENT-7

Q) Configure OSPF routing protocol



Stephi Now, emable ip morting by could OSPE souting protocal is all now Rous Ro. (Rocula (coopy) + nonter cospy) Rocher (config souter) # south -10 1.1.1. scout [conty-route) # network 100.00 0.215. 285 .265 mess a north (config - seath) # network 20.0.0.0 0.255.225. areal south (config-south) # exit Similarly cooplique RI & RZ Steps: Now check nowing tobe for Roods # Show ip sout C-Coonected 0-85PJ C-10.0.0.0/8 is directly compacted and Fa. 0/01 mgnt on stood of gold C-20.0.0.0/8 is directly cooneda se2/6 01 months 10012 5.0.0.0.0 Dia 60.0.0.0 Af 0 00.0.0.0.2 109 ml 10 Se2/00 2 5.0.0.000 0 1 A 30.0.0.0/1 via 20.0.0.0. 000:07:29 How RI knows area o Network 20.0.0. O come to RI Joom Rg, So Ro learns retwork through this Network Roch (config) H soch ospy ! 1-) process id (2-68535) there must be one certafac ap to leep espe process up. O is betto to configure (poplar) addres to som if is a visted integra mere 900er of com conce the continued

Rolembly 1) # ip address 172.16.1.212 Step 6: Now check noouting table for R3 R3# Showip room codes 10-cospy c. comeded O JA 20.0.0.000 VIa 30.0.0.02 00:18:58, 102/0 C 40.0.0.018 directly connected Se To (30.0.0.018 diretty connew so 2/a Here R3 does mot know about the over 3 so we know about the area 3 so we have to alat visted link bla Ros RI Step7: Create Vistor link bla Ro, Ry by this we create a winted link to connect are SPRO DON OL MAR PRO Ro (config-reach) & area I visted 50 RY RI (config)# route asp11 RI (config Louts) # aver 1 water Tiale 1.1.1.1 Step8: RIG R2 get updates about onen 3 Now Check orowtry table for R2.

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	da PCO
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TOPOLOGY & OUTPUT

