Name: Bramha Nimbalkar

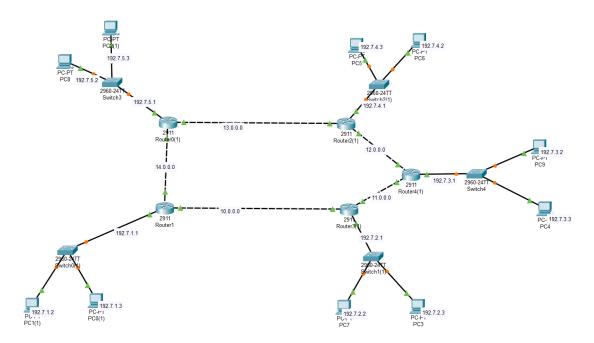
Roll no: 7

Srn: 202100381

## **ASSIGMENT 6**

Configuration of router for implementation of OSPF protocol

## Topology:



## **Syntax**

On each router:

```
enable
conf t
router ospf 1
network network1_id wild_card_mask area 0
```

- Network id of the networks connected to the router
- wild\_card\_mask is the complement of subnet mask. Eg subnet mask is 255.0.0.0 then wild\_card\_mask will be 0.255.255.255.

## Pinging to check response

```
2960-24TT
PC1(1)
 Physical
          Config
                 Desktop Programming
                                        Attributes
 Command Prompt
  Cisco Packet Tracer PC Command Line 1.0
  C:\>ping 192.7.4.3
  Pinging 192.7.4.3 with 32 bytes of data:
  Reply from 192.7.1.1: Destination host unreachable.
  Reply from 192.7.1.1: Destination host unreachable.
  Request timed out.
  Request timed out.
  Ping statistics for 192.7.4.3:
      Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
  C:\>ping 192.7.4.3
  Pinging 192.7.4.3 with 32 bytes of data:
  Request timed out.
  Reply from 192.7.4.3: bytes=32 time<1ms TTL=125
  Reply from 192.7.4.3: bytes=32 time<1ms TTL=125
  Reply from 192.7.4.3: bytes=32 time<1ms TTL=125
  Ping statistics for 192.7.4.3:
      Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
  Approximate round trip times in milli-seconds:
      Minimum = Oms, Maximum = Oms, Average = Oms
  C:\>
```