

Quiz on TE & Services

6 Marks total

Name: _____

1. [2 marks; 1 per triplet] Name/identify the metrics or attributes for choosing a TE path (other than IGP cost).

1. IGP cost
 2. TE metrics
 3. Bandwidth
 4. strict/loose hops
 5. hop limit
 6. Admin groups
 7. SRLG groups
- } By value (numbers)
- } By hops
- } By groups

2. [1 mark] What are the three different meanings for a "converged" network?
[Ref: SA module 1, slide 13]

1. No L2/L3 topology changes or further protocol updates
2. Triple play (voice, video, and data on one connection)
3. All telecom services (TDM, ATM, FR, ethernet, etc) on a single network

3. [2 marks; 1 per pair] A Nokia 7750SR can provide 5 different kinds of IP/MPLS services. Name at least 4. [Ref: SA module 1, slides 19-27]

1. VPWS
2. VPLS
3. VPRN
4. IES
5. Mirroring

4. [1 mark] Identify the protocols responsible for signalling services labels.
[Ref: SA module 1, slides 32, 35, 36]

L2 VPN services: t-LDP

L3 VPN services: MP-BGP