

## Quiz on ENSA Module 11: Network Architecture

5 Marks total

Name: \_\_\_\_\_

1. [1 mark] For a converged network (as defined in ENSA Ch 11), what are the three types of traffic in the network?

Voice, Video, (general) Data

2. [1 mark] What are the names of the layers in a 3-layer network architecture? (The best answer will have them in order from top to bottom!)

Core, Distribution, Access

3. [1 mark] To which layer in a 3-layer network architecture do end devices connect?

Access

4. [1 mark; all or nothing] Module 11 gives 5 (five) best practices for making networks scalable. Give **clear**, descriptive names for at least three of the five.

Plan for redundancy, Reduce size of Failure Domain, Increase Bandwidth  
Expand the Access layer, Tune routing protocols,

5. [1 mark] DHCP operates in series of four steps. List, in correct order, the names of each of these four steps.

Discover, Offer, Request, Acknowledgement

6. [1 mark; Bonus] **Clearly** identify at least 4 (four) items of information that a DHCP server for IPv4 will "always" provide to a client.

(1) IP address; (2) mask; (3) default gateway; (4) DNS server IP