**Course Outcomes: CCNAV7: Introduction to Networks**

1. Explain the advances in modern network technologies.
2. Implement initial settings including passwords, IP addressing, and default gateway parameters on a network switch and end devices.
3. Implement initial settings on a router and end devices.
4. Calculate an IPv4 subnetting scheme to efficiently segment your network.
5. Implement an IPv6 addressing scheme.
6. Configure switches and routers with device hardening features to enhance security.