

# **WORLD MISSION HIGH SCHOOL**

## **LEVEL 4 NIT**

### **WIRELESS NETWORK OUTDOOR**

#### **TRAINER: URBAN RURANGISA**

## **HOMEWORK**

1. Description of Wireless Network Outdoor:
2. What defines a wireless network outdoor, and how does it differ from indoor networks?
3. Define the coverage area in the context of outdoor wireless networks.
4. Explain the concept of the frequency spectrum and its role in outdoor wireless communication.
5. Describe different types of antennas used in outdoor wireless networks and their directional properties.
6. Discuss the role of outdoor wireless networks in supporting smart city infrastructure.
7. In what ways do outdoor wireless networks facilitate remote connectivity?
8. What is bandwidth in the context of outdoor wireless networks, and why is it crucial for performance?
9. Why is weatherproofing a critical aspect in outdoor wireless network deployments?
10. Describe the purpose of a radio frequency site survey in the context of outdoor wireless networks.