

WORLD MISSION HIGH SCHOOL

LEVEL 4 NIT WIRELESS NETWORK OUTDOOR

TRAINER: URBAN RURANGISA

HOMEWORK

1. What are the differences between the 802.11a, 802.11b and 802.11g wireless networking standards?
2. How would you troubleshoot a wireless network that has intermittent connectivity issues?
3. What is the purpose of a wireless access point?
4. Provide an example of a time when you had to troubleshoot a complex technical issue.
5. If hired, what would be your approach for designing a new wireless network from scratch?
6. What would you do if you noticed that a wireless network you designed was not performing as expected?
7. How well do you understand the differences between the 2.4 GHz and 5 GHz frequency bands?
8. Do you have experience using antennae? If so, what types?
9. When designing a wireless network, what is the importance of security?
10. We want to make it easy for employees to connect to our wireless network. What is the best way to do this?
11. Describe your experience with installing and troubleshooting wireless routers.
12. Which wireless networking technologies are you most familiar with?
13. What do you think the future holds for wireless networking?
14. We are looking to upgrade our existing wireless network. What steps would you suggest taking?
15. Do you have experience with deploying mesh networks? If so, what type of mesh networks have you deployed?