

# **WORLD MISSION HIGH SCHOOL**

## **LEVEL 5 NETWORKING**

### **WINDOWS SERVER ADMINISTRATION**

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

#### **HOMEWORK**

1. What considerations should be taken into account when selecting a Windows Server for a specific environment or organization?
2. Explain the importance of hardware requirements in the context of setting up a Windows Server. What key hardware components are crucial for optimal server performance?
3. Discuss the role of server virtualization in the preparation of a server environment. How does virtualization impact resource utilization and management?
4. Describe the steps involved in installing and configuring a Windows Server operating system. What factors should be considered during the installation process?
5. Define server virtualization and explain its primary benefits. How does it differ from traditional server setups?
6. What is a hypervisor, and what role does it play in the context of virtualization? Provide examples of popular hypervisor software.
7. Differentiate between Type 1 and Type 2 hypervisors. Give examples of each and describe when one might be preferred over the other.
8. Explain the concept of virtual machines (VMs) and their role in server virtualization. How do VMs emulate physical servers, and what advantages do they offer?
9. Discuss the importance of choosing the right operating system for virtualization. What factors should be considered when selecting an OS for hosting virtual machines?
10. Describe NOS (NETWORK OPERATING SYSTEM)