

# **WORLD MISSION HIGH SCHOOL**

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**SUBJECT NAME: INSTALLATION, CONFIGURATION AND  
MAINTENANCE OF AUDIOVISUAL EQUIPMENT**

**Module: INSTALLATION, CONFIGURATION AND MAINTENANCE OF  
AUDIOVISUAL EQUIPMENT**

**SECTOR: ICT**

**TRADE: NETWORKING**

## Attempt All questions

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01. Give the criteria to consider while installing an audio visual system basing on the purpose and size of the system
02. Outline any 3 sources of sound
03. A microphone may be selected based on its frequency response, and there are two types of frequency response. What are them?
04. What are the acronym of the following terms:
  - a) LCD
  - b) PDP
  - c) DLP
05. Define data cable and name any three types of data cable
06. Rewrite the main roles of smart screen
07. To maintain electronic devices used in AV system, we must clean them regularly. Identify at least 6 tools to be used.
08. What are the five components of cost estimation
09. Names 3 functions of software presentation program
10. How do you know if laptop has virus?
11. List three primary measures of sound quality
12. List at least 3 types of designing tools (application software)
13. State at least 6 types of presentation tools (application software)
14. Develop why testing is necessary before using AV Equipment
15. What are the difference between Volume and gain?
16. Select 3 tools needed while maintaining audiovisual devices.
  - a) Screw driver
  - b) Projector
  - c) Pliers
  - d) Insulating tape
  - e) Computer

17. How sound reinforcement system work? identify basic concepts of sound reinforcement
18. Compare The two most common directional types of microphone
19. If you have a 100-inch screen and a projector throw ratio range of 1.4:1 to 2.8:1. In which distance you can position the projector?
20. The projector is one of the device commonly used in class teaching. List the four advantages and four disadvantages of projector.
21. List and explain different types of sound mixer?
22. A sector command police is invited to offer a conversation for avoiding drug and unexpected sexuality in the youth .The conversation take place at the conference hall of your school. To make it clear, she (he) wants to use both audio and visual. And you are the one selected to install the conference hall so that the audio and video arrive effectively to the audience. Determine all the devices, tools and equipment you may needs to perform correctly the work.
23. Suppose you are going to Implement AV system projects depending on its size and scope. Discuss about different technologies areas to be assessed depending on its size and scope.
24. Discuss about different kinds of mounting a screen. Which one is inexpensive?