

WORLD MISSION HIGH SCHOOL

L5 MULTIMEDIA

HOMEWORK OF LIVE SOUND REINFORCEMENT /60Marks

1. During a live concert, performers complain that they cannot hear themselves clearly on stage, while the audience sound is loud and clear.

Analyze the possible causes of this problem by referring to monitoring accessories and sound system accessories. Explain which accessories may be incorrectly set up or missing.

2. A sound technician notices frequent noise and signal loss during a conference setup where multiple microphones and speakers are used.

Analyze how cables, connectors, and power distribution accessories could be contributing to the issue. Identify which accessories should be checked first and why.

3. In a large venue, some audience areas receive weak sound while others are too loud. The speakers are rigged from overhead trusses.

Analyze how rigging position, load distribution, and sound coverage considerations could affect this uneven sound distribution.

4. A production team decides to rig heavy speakers using single-point rigging to save time and reduce costs.

Evaluate this decision in terms of safety, load capacity, and regulations. Justify whether this rigging choice is appropriate or risky.

5. For an outdoor event, the sound system is powered using basic power strips without surge protectors or power conditioners.

Evaluate the effectiveness of this power management approach and its possible impact on equipment protection and system reliability.

6. After an event, no post-event inspection is conducted on the rigging system, even though the equipment will be reused soon.

Evaluate the consequences of skipping post-event rigging inspections in relation to safety, equipment lifespan, and future event performance.