

WORLD MISSION HIGH SCHOOL

L4 MULTIMEDIA PRODUCTION

HOMEWORK OF RECORD SOUND (10 Marks for each question)

1. Explain how you would set up a condenser microphone to record vocals in an untreated room. Include considerations for distance, angle, and accessories.
2. Describe the steps you would take to connect an electric guitar and a dynamic microphone to an audio interface for recording, specifying the cables and inputs you would use.
3. Compare and contrast using a tripod stand versus a monopod for microphone placement in a studio versus a live outdoor recording session. What are the advantages and disadvantages of each?
4. You are recording an acoustic guitar with two microphones in X/Y configuration, but you notice phase cancellation. How would you identify and fix this problem to improve sound quality?
5. If you have a digital piano with both audio outputs and MIDI capabilities, which method would you choose for recording in a home studio, and why? Consider sound quality, flexibility, and workflow.