

L3 Multimedia Homework

Camera Operation

WORLD MISSION HIGH SCHOOL



You have these lenses in your bag.

- ✓ Canon EF-S 10-18mm f/4.5-5.6 IS STM
- ✓ Fujifilm XF 300 mm f/1.4 R
- ✓ Nikon AF-S 24-70mm f/2.8E ED VR
- ✓ Panasonic Lumix G 25mm f/1.7 ASPH

1. **You're shooting Kigali city from the rooftop of KIGALI City Tower.** Which lens would help capture a wide perspective, and what aperture and ISO values would be suitable for this shot to ensure sharpness and depth of field?
2. **You are taking pictures of food in Umuganura event and** want to focus on close images of dishes. Which lens would do better in capturing textures and details, and what aperture and shutter speed values would be suitable for these close-ups to ensure a balanced exposure?
3. **Taking photos of mu muji from Kacyiru.** What lens would be suitable for capturing both distant landmarks and nearby details, and what aperture and ISO values would maintain clarity and exposure in this scenario?
4. You are shooting **a documentary in low-light conditions.** Which lens would provide the best performance in such challenging environments?
5. You are **Capturing action shots from Tour du Rwanda.** Which lens would be ideal for capturing fast-moving bicycles, and what shutter speed and aperture values would be suitable to freeze the action while maintaining proper exposure?
6. You are taking photos **of a family celebrating a graduation of a family member in a small living room.** Which lens would allow capturing group shots without distorting faces?
7. You want to **capture stars from the sky at night.** Which lens would be suitable, and what aperture, shutter speed, and ISO values would be recommended to capture the stars sharply without introducing excessive noise?