









L3 MULTIMEDIA

CAMERA OPERATION HOMEWORK





1. What does a tripod primarily offer to photographers?

-  A. Stability
-  B. Mobility
-  C. Quick setup
-  D. All of the above





2. Which equipment provides stability while offering greater mobility than tripods?

-  A. Camera mounts and clamps
-  B. Monopods
-  C. Tripods
-  D. Memory cards

3. What function do camera mounts and clamps serve?

-  A. Enhance battery life
-  B. Improve sensor resolution
-  C. Attach cameras to various surfaces or objects
-  D. Increase image quality





4. What does a camera sensor do?

-  A. Captures light
-  B. Converts light into an electrical signal
-  C. Both A and B
-  D. None of the above




5. Which sensor size is equivalent to traditional 35mm film?

-  A. APS-C
-  B. Full-Frame
-  C. Micro Four Thirds
-  D. Smaller sensors

6. What advantage do larger sensors have over smaller ones?

-  A. Better dynamic range
-  B. Improved low-light performance
-  C. More surface area to capture light
-  D. All of the above

7. Pixel size refers to the physical dimensions of:

-  A. Camera lenses
-  B. Each individual photosite on a sensor
-  C. Object resolution

🌿 DEMO D. Memory cards

8. What determines object resolution in a camera?

- 🌿 DEMO A. Sensor resolution
- 🌿 DEMO B. Lens quality
- 🌿 DEMO C. Image processing algorithms
- 🌿 DEMO D. All of the above

9. Which lens type offers a fixed focal length?

- 🌿 DEMO A. Zoom lenses
- 🌿 DEMO B. Prime lenses
- 🌿 DEMO C. Specialty lenses
- 🌿 DEMO D. Macro lenses





10. What is the purpose of a neutral density 🌿ND🌿 filter?

- 🌿 DEMO A. Block ultraviolet light
- 🌿 DEMO B. Reduce reflections
- 🌿 DEMO C. Modify color tints
- 🌿 DEMO D. Reduce the amount of light entering the lens





11. What is the function of a remote shutter release?

- 🌿 DEMO A. Modify light entering the lens
- 🌿 DEMO B. Trigger the camera's shutter
- 🌿 DEMO C. Block reflections and glare
- 🌿 DEMO D. Enhance color saturation





12. What is the primary role of spare batteries for a camera?

-  DEMO A. Add security to the camera
-  DEMO B. Transfer data from memory card
-  DEMO C. Provide uninterrupted power supply
-  DEMO D. Enhance image resolution

13. Which accessory allows easy access to images and videos stored on a memory card?



-  DEMO A. Memory card
-  DEMO B. Tripod
-  DEMO C. Memory card reader
-  DEMO D. Remote shutter release

14. What does a tripod primarily provide for a camera?





-  DEMO A. Stability
-  DEMO B. Mobility
-  DEMO C. Quick setup
-  DEMO D. All of the above

15. Which equipment is ideal for sports or wildlife photography due to its mobility?





-  DEMO A. Camera mounts and clamps

-  B. Monopods
-  C. Tripods
-  D. Memory cards





16. What does camera mounts and clamps enable photographers to do?

-  A. Attach their cameras to various surfaces or objects
-  B. Increase image quality
-  C. Improve sensor resolution
-  D. Enhance battery life





17. What is the primary purpose of external flashes in photography?

-  A. Decrease power for better subject illumination
-  B. Provide increased power and better subject illumination
-  C. Limit flexibility in light direction and intensity
-  D. None of the above





18. What do diffusers do in the context of light modifiers?

-  A. Soften and spread the light
-  B. Enhance color saturation
-  C. Reflect light onto the subject
-  D. Create harsh shadows





19. Which light modifier is commonly used for portrait photography?

-  A. Reflectors
-  B. Softboxes
-  C. Umbrellas
-  D. Diffusers







20. What function does an audio recording device primarily serve?

-  A. Capture and record visual images
-  B. Convert electrical signals into sound waves
-  C. Convert sound waves into electrical signals
-  D. None of the above





21. What distinguishes condenser microphones from dynamic microphones?

-  A. They utilize electromagnetic induction
-  B. They require an external power source
-  C. They have a narrow pickup pattern
-  D. They are less sensitive





22. How do digital mixing boards differ from analog ones in terms of control?

-  A. Analog boards offer computerbased control software
-  B. Digital boards utilize physical knobs and faders
-  C. Analog boards have builtin effects
-  D. Digital boards primarily use touchscreen interfaces





23. What purpose do compact or portable mixers primarily serve?

-  A. Large-scale events
-  B. Personal use or small events
-  C. Studio recording
-  D. Live performances

24. What distinguishes live sound consoles from studio recording consoles in terms of usage?

-  A. Built-in effects
-  B. High-quality capabilities
-  C. Dynamic processing options
-  D. Designed for live performances or recording studios

25. What key feature do dedicated audio recorders often offer in recording audio?

-  A. Lower noise levels compared to built-in camera microphones
-  B. Limited control over various recording parameters
-  C. Inability to support external microphones
-  D. Higher flexibility in placement

26. What advantage do digital audio recorders provide in post-production compared to built-in camera audio recordings?

-  A. Ability to record audio in lossy formats

- ✿ DEMO B. Limited flexibility in audio adjustments
- ✿ DEMO C. Recording audio in compressed formats
- ✿ DEMO D. Recording audio in uncompressed or lossless formats

27 . What is the primary function of a microphone?

- ✿ DEMO A. Convert light into sound
- ✿ DEMO B. Convert sound waves into electrical signals
- ✿ DEMO C. Enhance audio quality
- ✿ DEMO D. None of the above

28. What distinguishes a dynamic microphone from condenser microphones?

- ✿ DEMO A. They utilize electromagnetic induction
- ✿ DEMO B. They require an external power source
- ✿ DEMO C. They are more sensitive
- ✿ DEMO D. They have a narrow pickup pattern

29. What purpose do lavalier microphones typically serve?

- ✿ DEMO A. Studio recording
- ✿ DEMO B. Music production
- ✿ DEMO C. Clipping onto clothing for presentations or interviews
- ✿ DEMO D. Capturing sound in outdoor settings

30. What is a significant feature of shotgun microphones?

- ✿ DEMO A. They are omnidirectional
- ✿ DEMO B. They have a short pickup pattern

- ✿ C. They excel at capturing sound from a specific direction
- ✿ D. They are primarily used for music production

31. What is the function of a mixing board in audio production?

- ✿ A. Control and manipulate audio signals
- ✿ B. Generate lighting effects
- ✿ C. Convert audio signals into visual signals
- ✿ D. Amplify sound waves





32. What differentiates analog mixing boards from digital mixing boards?

- ✿ A. Analog boards have built-in effects
- ✿ B. Digital boards utilize physical knobs and faders
- ✿ C. Digital boards offer advanced features and visual interfaces
- ✿ D. Analog boards are primarily used for live performances





33. What are compact or portable mixers commonly used for?

- ✿ A. Large-scale events
- ✿ B. Studio recording
- ✿ C. Personal use or small events
- ✿ D. Outdoor recordings





32. What distinguishes live sound consoles from studio recording consoles?

-  A. Built-in effects
-  B. Dynamic processing options
-  C. High-quality capabilities
-  D. Designed for live performances or recording studios

33. What is the primary advantage of dedicated audio recorders over built-in camera microphones?

-  A. Higher noise levels
-  B. Superior sound quality and control
-  C. Limitation in recording parameters
-  D. Lower flexibility in placement

34. Why might dedicated audio recorders be beneficial in challenging recording environments?

-  A. They require less control over recording parameters
-  B. They can be positioned further away from the sound source
-  C. They have limited backup options
-  D. They offer less flexibility in post-production

Deadline: 31 Nov 2023, 8.00 am