

## Unit 8

### Multiple Choice

Identify the choice that best completes the statement or answers the question.

- \_\_\_\_\_ 1. Which best represents good baselight levels for a video camera?
- 10 fc
  - 10 lux
  - 200 fc
  - 200 lux
  - 2,000 fc
- \_\_\_\_\_ 2. What are the light primaries used in additive color mixing?
- red, blue, and yellow
  - red, green, and yellow
  - red, cyan, and magenta
  - magenta, cyan, and yellow
  - red, green, and blue
- \_\_\_\_\_ 3. Which statement describes color temperature?
- how hot a lamp feels when you touch it
  - the lighting instrument used
  - the heat reaching the color gel in front of the lens
  - the relative reddishness or bluishness of the light
  - how much colored light is concentrated on the subject
- \_\_\_\_\_ 4. How is incident light measured?
- with the eye—a light meter is not needed
  - in foot-candles, but never in lux
  - by pointing the light meter at the subject
  - by pointing the light meter at the camera
  - by dividing the lux reading by 10
- \_\_\_\_\_ 5. What combination of color temperatures is correct for the indoor and outdoor standards, respectively?
- 3,000K and 5,600K
  - 3,200K and 5,600K
  - 5,500K and 3,200K
  - 5,600K and 3,200K
  - 3,600K and 5,000K
- \_\_\_\_\_ 6. How can you quickly match the outdoor color temperature norm on lighting instruments that burn only with the indoor standard?
- acquire the appropriate daylight instrument
  - insert a dichroic filter or a bluish gel
  - insert an amber or reddish gel
  - dim the lighting instrument as much as possible
  - put a diffuser in front of the instrument

- \_\_\_\_\_ 7. Shadows are classified as what two types?
- light and dark
  - diffused and reflected
  - attached and cast
  - foreground and background
  - slow and fast
- \_\_\_\_\_ 8. What is the basic function of the key light?
- soften shadows created by the back light
  - provide a strong light opposite the kicker
  - reveal the basic shape of the subject
  - add sparkle to the subject's eyes
  - silhouette the subject
- \_\_\_\_\_ 9. What is the best light for shooting outdoors during the day?
- sunlight coming from the back
  - sunlight at noon
  - sunlight coming from the front
  - sunlight in the morning
  - sunlight on an overcast day
- \_\_\_\_\_ 10. Which is the most useful lighting tool when shooting in sunlight?
- large diffusion filter
  - powerful spotlight
  - green gel
  - cookie
  - reflector
- \_\_\_\_\_ 11. The video operator tells you that there is not enough baselight for the optimal performance of the studio cameras. How can you increase the baselight most efficiently?
- turn on two or three ellipsoidal spots
  - redirect some of the spotlights
  - focus the beams of the Fresnel spots
  - turn on additional floodlights
  - insert blue color gels
- \_\_\_\_\_ 12. What is the most appropriate procedure when using portable lighting instruments on-location?
- keep the instruments turned on as much as possible
  - turn off the instruments whenever they're not in use
  - remove the instruments from their stands to enable them to cool off
  - remove the bulbs when the instruments are not in use
  - replace the bulbs after each rehearsal
- \_\_\_\_\_ 13. Of the three types of flat panel systems, which uses considerably less power and generates less heat than incandescent lamps?
- LCD panels
  - plasma panels
  - LED panels
  - patch panels
  - fluorescent banks