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TEST REPORT

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Name: _____

2015 Sample Test

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1. Red is a combination of which of the following two subtractive colors of light?
 - A. Cyan and Blue
 - B. Blue and Yellow
 - C. Magenta and Cyan
 - D. Magenta and Yellow

2. Which ISO value would create the most grain when converting a color photograph into black & white?
 - A. 200
 - B. 400
 - C. 1600
 - D. 3200

3. What additive light is produced when equal amounts of pure red and green lights are mixed?
 - A. white
 - B. yellow
 - C. cyan
 - D. blue

4. A camera can get closer in order to focus on an object by adding distance between the focal plane and the lens with the use of
 - A. step up rings
 - B. teleconverters
 - C. rear lens hoods
 - D. extension tubes

5. A portrait of an executive has been taken outdoors with a digital camera. The image looked fine on the LCD viewer. The next photograph of the executive is taken in an office building. This time the LCD image appears green.

Before continuing the photo session, what is the most efficient way to correct this problem?

- A. Find a 20 magenta filter
 - B. Manipulate digitally in the computer
 - C. Reset the white balance
 - D. Attach a neutral density filter

6. When considering the longevity of a printed image, a photographer should consider using
 - A. Inks made of dyes
 - B. Inks made of pigments
 - C. Water-based inks
 - D. Organic inks

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7. In order to achieve the correct exposure when using an electronic flash, what is the correct formula to use in order to determine the appropriate f/stop?
- A✓ Guide number ÷ distance
 - B. Distance x guide number
 - C. Shutter speed ÷ distance + guide number
 - D. Watt seconds x distance x shutter speed
8. A client wants a portrait of himself while in a swimming pool. The sun is used to back-light him. Which of the following techniques should be used to produce the best result?
- A✓ Fill flash
 - B. Over expose 2 f-stops
 - C. Gold reflector
 - D. Under expose 2 f-stops
9. What are exposure meters designed to measure?
- A. highlights
 - B. ISO settings
 - C✓ Medium gray
 - D. Angle of reflection
10. When editing images in Photoshop, which of the following may cause the computer to perform slower?
- A. Small hard drive
 - B. Low battery level
 - C✓ Low amount of RAM
 - D. Damaged power cord
11. Which of the following results will occur if a small lens aperture is used?
- A✓ greater depth of field
 - B. less depth of field
 - C. greater contrast
 - D. less contrast
12. What would a photographer need to know in order to know a lens' effective focal length on a camera with a cropped sensor?
- A. The widest aperture of the lens
 - B. The smallest aperture of the lens
 - C. The widest aperture of the lens and the focal length of the lens
 - D✓ the camera's multiplication factor and the focal length of the lens
13. When given an exposure of f/11 at 1/125, which of the following is an equivalent exposure setting?
- A✓ f/16 at 1/60
 - B. f/8 at 1/60
 - C. f/8 at 1/125
 - D. f/16 at 125

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14. Why are flat diffusers used on a meter?
- A. To measure the light reflecting off the subject
 - B. To measure the light coming from multiple light sources simultaneously
 - C. To make comparative measurements of light reflecting off the subject from multiple directions
 - D. To make comparative measurements of light coming from specific directions
15. A photographer is manipulating a digital image taken in a low light situation. When working in Adobe Photoshop, which function needs to be performed in order to remove the undesired little red, green and blue film grain-like effect on the image?
- A. Desaturate
 - B. Luminance
 - C. Color balance
 - D. Noise reduction
16. Moving a light source closer to a subject will produce what type of light?
- A. Diffused
 - B. Sharper
 - C. Softer
 - D. High contrast
17. When photographing a subject's face in a two-thirds portrait view, which of the following head positions is correct?
- A. The ear furthest from the camera should be slightly in view
 - B. The nose should protrude slightly into the background
 - C. The plane of the eye furthest from the camera should intersect with the background
 - D. A small sliver of skin should be visible between the background and the eye furthest from the camera
18. During an environmental session using natural light, the subject has good catchlights in the eyes, but flat lighting on the face due to the main light source being too large and without direction.
- The best way to improve this situation would be to use a
- A. fill light adjustment in post-production.
 - B. contrast adjustment in post-production.
 - C. black reflector to create a shadow side of the subject.
 - D. silver reflector to illuminate the shadow side of the subject.
19. What exposure meter is used inside a camera?
- A. Incident light
 - B. Reflective light
 - C. Color meter
 - D. Luminance meter

2015 Sample Test

20. The most precise method of calibrating a computer monitor is by
- A. Visually observing the monitor while manually adjusting the monitor color profile control
 - B. Manually adjusting the monitor to the printer's factory setting
 - C. Using a hardware profiler to create a monitor profile
 - D. Using the operating system software and auto setting the monitor calibration
21. What would be the result of changing from 16 to 8 bit color space?
- A. The colors would become lighter.
 - B. The colors would become darker.
 - C. The gamut of available colors would be reduced.
 - D. The gamut of available colors would be increased.
22. A client wants a close-up image, with minimal distortion, of an engagement ring. Using a 35 mm format, which of the following lens types should be used?
- A. wide-angle
 - B. normal
 - C. macro
 - D. telephoto
23. The hair light, when used as a proper accent light, does its job best when it is positioned
- A. high and behind the subject's head to produce some subtle highlights in the hair.
 - B. to produce a halo-like glow around the subject's entire hair contour line.
 - C. to produce a highlight on the subject's hairline, a sparkle on one cheek, and some highlights on one ear.
 - D. low and behind the subject's head to separate the subject from the background.
24. When using the rule of thirds to compose a photograph, the main subject should be placed
- A. in the center
 - B. in the right half
 - C. on an intersection of lines
 - D. between intersecting lines
25. A histogram shows the brightness value of all the _____ in an image.
- A. contrast
 - B. highlights
 - C. pixels
 - D. shadows