

QUIZ for Photo Students

How well do you know your digital camera? Before taking any Lifelong Learning class with a prerequisite, please review this questionnaire. These topics will NOT be taught in detail in photography classes with prerequisites. If you are unclear about the majority of these topics, please take “Nuts and Bolts” (LLART 193) or “Digital Photography I (LLART 115) first.

1. What does ISO refer to?
2. Do you know how to set your camera's ISO?
3. Which ISO indicates a faster film/camera sensor: 100 or 1600?
4. What does shutter speed refer to?
5. Do you know how to set your camera's shutter speed?
6. Which shutter speed lets more light into the camera: 1/125s or 1/15s?
7. What does aperture refer to?
8. Do you know how to set your camera's aperture?
9. Which aperture lets more light through the lens: f5.6 or f16?
10. If shooting in Aperture Priority and the scene is too dark, what do you do?
11. What does depth of field refer to?
12. Which aperture creates a greater depth of field: f5.6 or f16?
13. What are the differences among center-weighted, spot, and matrix auto-focusing, and when do you use each option?
14. What does exposure refer to?
15. Which of the following shutter speed/aperture combinations is the equivalent of 1/125s @ f11: 1/1000s@f2; 1/500s @f5.6; or 1/250s@f16?
16. What does metering refer to?
17. What are the differences among center-weighted, spot, and matrix metering, what makes each option effective, and when do you use them?
18. How do you determine exposure by reading your camera's histogram?
19. What does white balance refer to?
20. Do you know how to adjust your camera's white balance?
21. What is the difference between shooting JPEG and RAW, and what are the benefits of each?
22. Which is a telephoto lens: 35mm or 100mm?

ANSWERS

1. How sensitive the film/camera sensor is to light. 3. 1600 4. How long the shutter is open 6. 1/15s 7. How wide the lens's diaphragm is open; how much light the lens lets into the camera. 9. F5.6 10. Adjust Exposure Compensation to over-expose the scene and lighten the image. 11. The distance between the closest subject in focus to the farthest subject in focus. 12. F16 14. The amount of light that hits the camera's film/sensor; a balance of aperture and shutter speed. 15. 1/500s@f5.6 16. Taking a light reading of a scene to find the correct exposure. 19. How the camera adjusts the image based on the light characteristics of the scene. 22. 100mm