

Fundamental Photography Knowledge

Photography · Answer Key · 12 Questions

1. Which component of a camera controls the length of time the image sensor is exposed to light?

- A) Aperture
- B) Shutter speed**
- C) ISO sensitivity
- D) Focus ring

2. What is the term for the adjustment that controls the size of the lens opening, affecting depth of field?

- A) Shutter speed
- B) Aperture**
- C) Exposure compensation
- D) White balance

3. Who is credited with creating the first permanent photograph, known as 'View from the Window at Le Gras', in 1826?

- A) Louis Daguerre
- B) George Eastman
- C) Joseph Nicéphore Niépce**
- D) Ansel Adams

4. In digital photography, what does the acronym 'DSLR' stand for?

- A) Digital Single Lens Reflex**
- B) Dynamic Sensor Light Range
- C) Digital System Light Resolution
- D) Direct Shutter Lens Response

5. Which chemical element is traditionally used in photographic film to make it light-sensitive?

- A) Silver halide**
- B) Gold nitrate
- C) Copper sulfate
- D) Iron oxide

6. What happens to the depth of field when you increase the f-stop number (e.g., from f/2.8 to f/16)?

A) It becomes shallower

B) It becomes deeper

C) It remains unchanged

D) It disappears

7. Which color space is typically used for print photography to ensure accurate color reproduction?

A) sRGB

B) CMYK

C) Adobe RGB

D) Grayscale

8. What is the primary function of an ISO setting in a digital camera?

A) Adjusting shutter speed

B) Controlling the focus

C) Adjusting light sensitivity

D) Changing the lens zoom

9. Which type of camera lens is best suited for capturing distant subjects by making them appear closer?

A) Macro lens

B) Wide-angle lens

C) Telephoto lens

D) Fisheye lens

10. What is the main advantage of shooting in RAW format instead of JPEG?

A) Smaller file size

B) Faster processing

C) More data for post-processing

D) Automatic color correction

11. What phenomenon occurs when light rays cross inside a camera lens, causing the image to appear upside down on the sensor?

A) Refraction

B) Diffraction

C) Camera obscura effect

D) Chromatic aberration

12. Which professional organization is famous for its high-quality nature and documentary photography, established in 1888?

A) National Geographic

B) Magnum Photos

C) The Associated Press

D) Reuters