

Photography Basics for Teens

Photography · Answer Key · 15 Questions

1. What does the 'aperture' setting on a camera control?

- A) The shutter speed
- B) The amount of light entering the lens and the depth of field**
- C) The focus point
- D) The white balance

2. Which of these is the standard file format for saving photos that retains the most image data?

- A) JPEG
- B) PNG
- C) GIF
- D) RAW**

3. What is the primary function of the 'shutter speed' setting?

- A) Controls the color of the light
- B) Determines how long the camera's sensor is exposed to light**
- C) Adjusts the camera's ISO
- D) Sets the focal length

4. The 'rule of thirds' is a guideline in photography that suggests dividing the image into how many equal parts?

- A) Two
- B) Three
- C) Four
- D) Nine**

5. What does 'ISO' measure in photography?

- A) The sharpness of the image
- B) The color saturation
- C) The light sensitivity of the camera's sensor**
- D) The distance to the subject

6. What type of lens has a fixed focal length and cannot zoom?

- A) Zoom lens
- B) Telephoto lens
- C) Wide-angle lens
- D) Prime lens**

7. What is 'depth of field' in photography?

- A) The overall brightness of the image
- B) The range of distance in a photo that appears acceptably sharp**
- C) How much of the scene is captured
- D) The speed at which the photo is taken

8. When light sources are different colors, what setting helps balance them to make colors appear natural?

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

9. What does a 'wide-angle' lens typically capture?

- A) A very close-up view of a small area
- B) A broad scene with a wide field of view**
- C) Only the background of a subject
- D) A distorted, zoomed-in image

10. What is the purpose of a 'tripod' in photography?

- A) To make the camera lighter
- B) To increase the camera's zoom
- C) To keep the camera steady and prevent blur**
- D) To change the color of the light

11. What is the term for the natural light that occurs during sunrise or sunset, known for its warm and soft quality?

- A) Harsh midday sun
- B) Golden hour**
- C) Blue hour
- D) Artificial light

12. What is the main advantage of shooting in RAW format compared to JPEG?

- A) Smaller file sizes
- B) Easier to share online immediately
- C) More editing flexibility**
- D) Less detail in the image

13. What does a telephoto lens do?

- A) Makes distant objects appear closer**
- B) Captures a very wide area
- C) Allows for extreme close-ups
- D) Reduces the amount of light entering the lens

14. In digital photography, what is resolution typically measured in?

- A) Watts
- B) Megapixels**
- C) Decibels
- D) Volts

15. What is the term for the intentional blurring of a subject in the foreground to emphasize the background?

- A) Bokeh**
- B) Panning
- C) Silhouette
- D) Cropping