**Photography – Camera Tools and Functions Study Guide for Test**

1. Which is the fastest ISO (film speed)? 200 or 3200?

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1. This is the tone (or value) to which all light meters average the light given off by the scene which is being photographed?

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1. This tool indicates how much light is being allowed into the camera based on the current aperture, shutter speed, and ISO settings.

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1. What is a change in an exposure setting, either aperture or shutter speed, that either doubles or halves exposure?

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1. What happens to digital photos the when you shoot on higher ISO settings?

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1. What controls the duration (time) of an exposure on a camera?

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1. What is the tool that controls the volume of light (the opening) entering the camera during an exposure?

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1. What is another term for aperture?

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1. Why do smaller aperture numbers (as they are displayed on the camera) represent larger openings?

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1. Describe what is meant by a stop in the realm of photography?

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1. Which aperture setting would produce the largest depth of field? f/4 or f/22?

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1. Which aperture setting would produce the shallowest depth of field? f/1.7 or f/8?

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1. Which aperture is most often used for portraits to de-emphasize the background and make the face stand out? f/2.8 or f/16?

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1. Which aperture would be best used to shoot a landscape and get the most of scene in focus with the largest depth of field? f/4 or f/22?

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1. Which shutter speed would best freeze motion? 1/60 or 1/2000?

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1. What is the combined effect of the **volume** of light striking the light sensitive surface and its **duration**?

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1. Which diagram demonstrates how an image is projected inside a camera?

A.



B.



A or B? \_\_\_\_\_\_\_\_\_\_\_

1. White balance is a function of a digital camera used to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ colors of light being emitted by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. In digital photography the term is generally used to describe a function of a digital camera that allows you to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_the device to correctly display the color white. Once this \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has been done, the camera should then display \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ correctly as well.
2. Exposure Bracketing is the process where you shoot the exact same scene at different \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ settings.
3. What are the three factors that affect depth of field?

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