

Name _____

Date _____

Engineering Technology Department

Period _____

Working with Aperture Sizes

Directions: You will be taking 2 pictures of an SD card that your partner is holding to one side of their body. If at any time your pics are not properly exposed you have done something incorrect.

Procedure:

- Manual mode
- Reset camera
- Focal distance 35mm
- AF mode – single
- ISO 2000

- Pic #1
 - Adjust camera
 - F/18
 - Take first pic using shutter speed to balance light meter
 - Record shutter speed: _____

- Pic #2
 - Adjust camera
 - F/5
 - Take second pic using shutter speed to balance light meter
 - Record shutter speed: _____

- Transfer photos to your H: drive in a folder titled **Aperture Size**
 - Label pics: pic 1, pic 2

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1. Look at your two pics, which pic had the largest depth of field?
A. pic 1 B. pic 2
2. Look at your two pics, which pic had the shallowest depth of field?
A. pic 1 B. pic 2
3. Which f/stop will present a picture with the largest depth of field?
A. f/16 C. f/3.5
B. f/5.6 D. f/4
4. Which f/stop will present a picture with a shallowest depth of field?
A. f/22 C. f/3.5
B. f/8 D. f/4
5. Which group of f/stops can be used for taking a picture with selective focus?
A. f/stops 8, 11, 16, 22, 36
B. f/stops 3.5, 4, 4.5, 5.6, 7.1
6. Which groups of f/stops can be used for taking a picture with maximum focus?
A. f/stops 8, 11, 16, 22, 36
B. f/stops 3.5, 4, 4.5, 5.6, 7.1
7. Identify 5 balanced exposures for f/8 @ 1/125.
