1. How do you use Image Augmentation in TensorFLow

- (●) Using parameters to the ImageDataGenerator
- ( ) You have to write a plugin to extend tf.layers
- ( ) With the keras.augment API
- ( ) With the tf.augment API

✓ Correct

2. If my training data only has people facing left, but I want to classify people facing right, how would I avoid overfitting?

- ( ) Use the 'flip' parameter
- ( ) Use the 'flip' parameter and set 'horizontal'
- ( ) Use the 'flip_vertical' parameter around the Y axis
- (●) Use the 'horizontal_flip' parameter

✓ Correct

3. When training with augmentation, you noticed that the training is a little slower. Why?

- ( ) Because there is more data to train on
- (●) Because the image processing takes cycles
- ( ) Because the training is making more mistakes
- ( ) Because the augmented data is bigger

✓ Correct

4. What does the fill_mode parameter do?

- ( ) There is no fill_mode parameter
- ( ) It creates random noise in the image
- (●) It attempts to recreate lost information after a transformation like a shear
- ( ) It masks the background of an image

✓ Correct

5. **When using Image Augmentation with the ImageDataGenerator, what happens to your raw image data on-disk.**

- ○ It gets overwritten, so be sure to make a backup
- ○ A copy is made and the augmentation is done on the copy
- ◉ Nothing, all augmentation is done in-memory
- ○ It gets deleted

✓ **Correct**

6. **How does Image Augmentation help solve overfitting?**

- ○ It slows down the training process
- ◉ It manipulates the training set to generate more scenarios for features in the images
- ○ It manipulates the validation set to generate more scenarios for features in the images
- ○ It automatically fits features to images by finding them through image processing techniques

✓ **Correct**

7. **When using Image Augmentation my training gets...**

- ◉ Slower
- ○ Faster
- ○ Stays the Same
- ○ Much Faster

✓ **Correct**

8. **Using Image Augmentation effectively simulates having a larger data set for training.**

- ○ False
- ◉ True

✓ **Correct**