1. What platforms are supported by TensorFlow Lite (Check all that apply) 1 / 1 point

- [ ] Windows Phone
- [x] Raspberry Pi

✓ **Correct**

- [x] Some Microcontrollers

✓ **Correct**

- [x] Android

✓ **Correct**

- [x] iOS

✓ **Correct**

2. What is Quantization? 1 / 1 point

- (•) A technique that reduces precision and model size to work better on mobile
- ( ) A technique to optimize the size of a model for the memory map of a mobile device
- ( ) A technique to ensure compatibility across all supported platforms
- ( ) A technique that increases precision to ensure your model works better on mobile

3. The TFLite file format is an example of what? 1 / 1 point

- ○ A concrete function
- ○ A savedmodel
- ○ A checkpoint
- ◉ A flatbuffer

✓ **Correct**

4. Which types of input does the TF Lite Convertor API Accept (Check all that apply) 0.8 / 1 point

- ☑ A Keras HDF5 file

✓ **Correct**

- ☐ A model object
- ☑ A SavedModel

✓ **Correct**

- ☐ A list of checkpoints
- ☐ A set of concrete functions

You didn't select all the correct answers

5. True or False: The SavedModel format supports model Versioning

1 / 1 point

- (●) True
- ( ) False

✓ **Correct**

6. If I want to save an existing Keras model, what's the API signature:

1 / 1 point

- (●) tf.saved_model.save(model, path)
- ( ) tf.saved_model.path=path
- ( ) Tf.model.save(path)
- ( ) tf.save(model, path)

✓ **Correct**

7. If I want to use the TensorFlow Lite Convertor to convert a saved model to TF Lite, what's the API signature?

1 / 1 point

- ( ) newModel = tf.lite.TFLiteConverter.convert(model_path)
- (●) converter = tf.lite.TFLiteConverter.from_saved_model(path) newModel = converter.convert()
- ( ) newModel = tf.lite.TFLiteConverter.fromModel(myModel).convert()
- ( ) converter = tf.lite.TFLiteConverter.convert() newModel = converter.Convert(model_path)

✓ **Correct**

8. If I have a keras model and want to convert it, what's the method signature on TFLiteConverter

1 / 1 point

- ○ convert(model)
- ◉ from_keras_model(model)
- ○ convert_keras_model(model)
- ○ from_keras(model)

✓ **Correct**

9. If I want to convert using a command line tool, what's the name of the tool?

1 / 1 point

- ○ Tflite_to_model
- ◉ tflite_convert
- ○ tfliteconvert
- ○ tf_convert_lite

✓ **Correct**

10. If I want to do post training quantization, what are the optimization options available (check all that apply) 1 / 1 point

- [x] OPTIMIZE_FOR_SIZE

  ✓ **Correct**

- [x] OPTIMIZE_FOR_LATENCY

  ✓ **Correct**

- [ ] OPTIMIZE_FOR_PERFORMANCE
- [ ] OPTIMIZE_FOR_ANDROID
- [ ] OPTIMIZE_FOR_IOS