✅ **Congratulations! You passed!**

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1. What technology is used to deploy addons like TensorFlow Lite to iOS applications?   `1 / 1 point`

- ◉ Cocoapods
- ○ Gradle
- ○ VSNs
- ○ Applepods

✅ **Correct**

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2. What is the name of the pod that you use to add TF Lite to an iOS app with the Swift language?   `1 / 1 point`

- ◉ TensorFlowLiteSwift
- ○ TensorFlowSwift
- ○ TensorFlowLite
- ○ LiteSwift

✅ **Correct**

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3. How do you deploy a model to iOS for offline use?   `1 / 1 point`

- ○ You bundle model and interpreter as a resource file
- ○ You convert it to swift code and use it as an activity
- ◉ You add is as part of the app bundle
- ○ You download it at runtime

✅ **Correct**

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4. How does iOS represent images in memory?   `1 / 1 point`

- ○ Image class
- ○ An NSPixelArray
- ◉ A CVPixelBuffer
- ○ An array of bytes

✅ **Correct**

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5. How do you do inference with a TF Lite interpreter in Swift?   `1 / 1 point`

- ◉ Copy values to input tensor, call interpreter.invoke(), copy outputs to output Tensor
- ○ interpreter.run(input, output)
- ○ Copy values to input tensor, call interpreter.run(), copy outputs to output Tensor
- ○ interpreter.invoke(input, output)

✅ **Correct**

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6. How do you specify the number of threads that the interpreter should use?   `1 / 1 point`

- ○ Use an InterpreterOptions object and set its threads property to the desired amount
- ○ Use an InterpreterOptions object and set it's useThreads property to true
- ○ Call the setThreads() method on an InterpreterOptions object and specify the desired amount
- ◉ Use an InterpreterOptions object and set its threadCount property to the desired amount

✅ **Correct**

7. What format is an image in a CVPixelBuffer?   1 / 1 point

○ RGBA_32

○ BGR_32

◉ BGRA_32

○ RGB_32

✓ **Correct**

8. How can you tell if a model is quantized at runtime?   1 / 1 point

◉ Check the inputTensor Data type. If it's uInt8, the model is quantized

○ Check the modelFormat data type. If it's uInt8, the model is quantized

○ Check the isQuantized property on the input tensor. If it is true, the model is quantized

○ Check the isQuantized property on the interpreter. If it is true, the model is quantized

✓ **Correct**

9. In what order does the object detection model report the bounding box parameters?   1 / 1 point

◉ y, x, height, width

○ x, y, width, height

○ y, x, width, height

○ x, y, height, width

✓ **Correct**