### Example assessment questions for embedded systems overview

Question

Serial communication buses pass multiple bits of data in parallel at the same time.

1. True
2. **False**

Explanation: “Serial” means that only one bit of data is present on the line at a time.

Question

The default operating system on the Arduino Nano 33 BLE Sense is:

1. Windows
2. macOS
3. Linux
4. **mbedOS**

Question

Which of the following frameworks contain the fewest Ops?

1. TensorFlow
2. TensorFlow Lite
3. **TensorFlow Lite for Microcontrollers**
4. TensorFlow Mobile

Question

All microcontrollers have which of the following?

1. Floating point unit (FPU)
2. Integrated temperature sensor
3. **Memory**
4. I2C controller

Question

An Arduino “core” is a purpose-built microcontroller board.

1. True
2. **False**

Explanation: An Arduino “core” is a low-level software API for a specific chip or family of chips