

Week 1 Quiz

1. Which component is not contained on the Raspberry Pi B+ board?
 - a. USB ports
 - b. Analog-to-Digital converter
 - c. Ethernet port
 - d. micro SD slot

2. An ARM-based processor is
 - a. A processor manufactured in its entirety by ARM Ltd.
 - b. A processor manufactured in part by ARM Ltd.
 - c. A processor whose design is similar to that of an ARM processor
 - d. A processor which contains a core designed by ARM Ltd.

3. Which of the following is not a task of an operating system?
 - a. Improve performance by increasing clock frequency of the processor
 - b. Support the execution of multiple processes
 - c. Enable access to a filesystem
 - d. Hide hardware details from the user

4. Which feature of the Raspberry Pi tends to make it seem like it is not an IoT device?
 - a. It can directly interact with sensors and actuators
 - b. It is small and cheap
 - c. It provides a graphic interface using a keyboard, monitor and mouse
 - d. It provides network connectivity and computational intelligence

5. Once the Raspberry Pi has been configured, what must be contained on the micro SD card?
 - a. The operating system
 - b. The firmware
 - c. The web browser
 - d. The MAC address

6. Which of the following is not an impact of overclocking?

- a. More instructions executed per unit time
- b. Increased power consumption
- c. Improved temperature profile
- d. Reduced reliability

7. raspi-config can only be used during the initial setup.

- True
- False

8. The Raspberry Pi can be configured to boot directly to the desktop

- True
- False