The Arduino Platform and C Programming

WEEK 4: QUIZ

1. Which of the following does NOT provide observability in a system?

Ans: A switch connected to an Arduino input pin

2. What is meant by the expression "run control of the target"?

Ans: The ability to stop and start the execution of the target microcontroller

3. What is NOT an advantage of using a remote debugger?

Ans: Remote debugging requires an extra communication channel for debugging

4. What is NOT a feature of an embedded debug interface?

Ans: Automatic test generation is commonly supported

5. Which of the following is NOT an advantage of the UART protocol?

Ans: Higher data transfer rates are typically achieved compared to a parallel protocol

6. Which of the following statements is NOT true about the UART protocol?

Ans: The data transmission rate is equal to the baud rate

7. Synchronization is performed in the UART protocol based on the timing of the Start bit.

Ans: True

8. An error in bit transmission (perhaps due to noise) may not be detected, even if a parity bit is used.

Ans: True