Assignment 7

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

Due on 2020-11-04, 23:59 IST.

1) Which of the following is not an advantage of using GPIO?
   - Data redundancy and replication is avoided.
   - Only one GPIO directory per repository.
   - GPIO doesn’t support commits across multiple branches.
   - Any sort of project can use GPIO.

   No, the answer is incorrect.
   Points: 0
   Accepted Answer:
   GPIO doesn’t support commits across multiple branches.

2) If you are in a shared repository, but other people on your team have pushed changes into the remote repository then what CLI command would you use to those changes into your working copy?
   - Checkout
   - Pull
   - Commit
   - Uptake

   No, the answer is incorrect.
   Points: 0
   Accepted Answer:
   Pull

3) What is the size of an int data type?
   - 4 byte
   - 8 byte
   - Depends on the operating environment
   - Cannot be determined

   No, the answer is incorrect.
   Points: 0
   Accepted Answer:
   Depends on the operating environment

4) Which of the following best states the reason why baud rate is important in serial communication?
   - To ensure the speed of communication
   - To ensure transmission and reception of data bits correctly
   - To use timers
   - For serial memory

   No, the answer is incorrect.
   Points: 0
   Accepted Answer:
   To ensure transmission and reception of data bits correctly

5) Which of the following registers is used to control the functionality of a port pin?
   - PhSR
   - PhSEL
   - PhSRPin
   - PhSE

   No, the answer is incorrect.
   Points: 0
   Accepted Answer:
   PhSEL

6) Which bitwise operator can be used to set a particular bit value to 1 without disturbing the other bits?
   - OR (|)
   - AND (&&)
   - XOR (^)
   - NCT (>)

   No, the answer is incorrect.
   Points: 0
   Accepted Answer:
   OR (|)

7) An LED is connected to a pin P1.4. If PIN1.4 = 1, what will happen if we execute P1OUT = 1?

   - The LED will go on.
   - The LED will go off.
   - The LED will blink.
   - The LED will be ON.

   No, the answer is incorrect.
   Points: 0
   Accepted Answer:
   The LED will go on.

8) What is the instruction to turn off the LED on an MSP430 LaunchPad?
   - P1OUT = 0 (0x00)
   - P1OUT = 1 (0x0ff)
   - P1OUT = 0 (0x0ff)
   - P1OUT = 1 (0x00)

   No, the answer is incorrect.
   Points: 0
   Accepted Answer:
   P1OUT = 0 (0x00)

9) Which of the following instructions will enable the pull-up configuration on pin P1.2 in MSP430?
   - PIN1.2 = 0 and P1OUT = 0
   - PIN1.2 = 1 and P1OUT = 0
   - PIN1.2 = 0 and P1OUT = 1
   - PIN1.2 = 1 and P1OUT = 1

   No, the answer is incorrect.
   Points: 0
   Accepted Answer:
   PIN1.2 = 0 and P1OUT = 0

10) Upon reading a switch, we get '1' when the switch is pressed and '0' when the switch is not pressed. In what configuration is the resistor connected to the switch?
   - Pull up
   - Pull down
   - Cannot be determined
   - None of the above

   No, the answer is incorrect.
   Points: 0
   Accepted Answer:
   Pull up