No, the answer is incorrect.
Score: 0
Accepted Answers: Smart phone

2) What feature does the MSP430 NOT add to Gillette Fusion ProGlide Razor?
- It maintains the vibration level throughout the lifetime of the battery
- It helps in using a single switch for the ON/OFF feature
- It automatically orders a new razor when the lifetime of the product has expired
- It implements a timesaver feature in the product

No, the answer is incorrect.
Score: 0
Accepted Answers: It automatically orders a new razor when the lifetime of the product has expired

3) How does active noise cancellation work?
- It changes the size of the ear cup according to the noise level.
- It actively monitors the noise and produces the antiphase version of the noise.
- It actively regulates the pressure of the ear cup according to the noise level.
- It increases the audio input level according to the noise level.

No, the answer is incorrect.
Score: 0
Accepted Answers: It actively monitors the noise and produces the antiphase version of the noise.

4) Which sensor is used in a smart watch to calculate the steps?
- Accelerometer
- Shock sensor
- Magnetometer
- Vibration sensor

No, the answer is incorrect.
Score: 0
Accepted Answers: Accelerometer

5) Which of the following are the features of a microcontroller?
- CPU, Image Processor, I/O Ports, WiFi
- CPU, Memory, I/O Ports, Timer
- CPU, Memory, I/O Ports, Bluetooth

No, the answer is incorrect.
Score: 0
Accepted Answers: CPU, Memory, I/O Ports, Timer

6) How does the colour mixer project produce such vibrant colours?
- It varies the current through the LEDs using the three potentiometers.
- It uses rotary encoders to measure the angles of the three knobs and controls the LEDs according to the value noted by the microcontroller.
- It samples the value from the three potentiometers and controls the LED current by using PWM.
- None of the above.

No, the answer is incorrect.
Score: 0
Accepted Answers: It varies the current through the LEDs using the three potentiometers.

7) Which of the following statements is false?
- SRAM is faster as compared to DRAM
- SRAM is less memory dense as compared to DRAM
- DRAM is faster as compared to SRAM
- DRAM requires less power than SRAM

No, the answer is incorrect.
Score: 0
Accepted Answers: DRAM is faster as compared to SRAM

8) How can the number of bits stored in a SRAM chip be calculated?
- 2^n (No. of address lines) * No. of data lines

No, the answer is incorrect.
Score: 0
Accepted Answers: 2^n (No. of address lines) * No. of data lines

9) What is DMA used for?
- It is used as a non-volatile storage
- It is a hardware-implemented function used to copy contents directly from the program memory to the RAM
- It is a hardware-implemented function used to copy contents directly from/to the memory to/from the I/O ports
- None of the above.

No, the answer is incorrect.
Score: 0
Accepted Answers: It is a hardware-implemented function used to copy contents directly from/to the memory to/from the I/O ports