1. Which Arduino function can be used to read information from a sensor?

Ans: c. digitalRead()

2. A photoresistor:

Ans: d. changes resistance according to light level

3. A voltage divider is:

Ans: c. a circuit that contains resistors connected in series

4. True or False: A voltage-controlling sensor can be read by an Arduino using the analogRead() function.

Ans: True

5. In order to perform On-Off actuation, the following Arduino command might be used:

Ans: c. digitalWrite()

6. The function of a Digital to Analog Converter is:

Ans: a. to generate an analog voltage from digital signals

7. Which Arduino command is used to generate a pulse width modulated signal?

Ans: a. analogWrite()

8. The duty cycle of a signal describes:

Ans: d. the fraction of time it is high