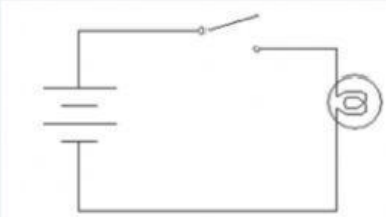
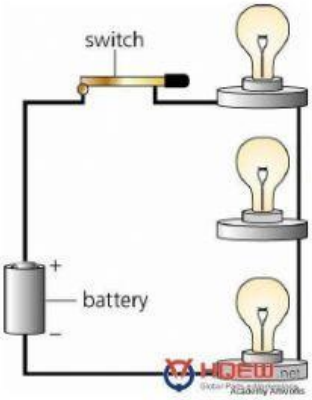
JR Education	2nd MID-SEMESTER EXAMINATION PAPER ACADEMIC YEAR 2021/2022	
	Subject : Science	Name :
	Primary : 4	Day/ Date :

1. Electrical lights will not come on unless their electrical circuit is a...
   a. closed circuit
   b. open circuit

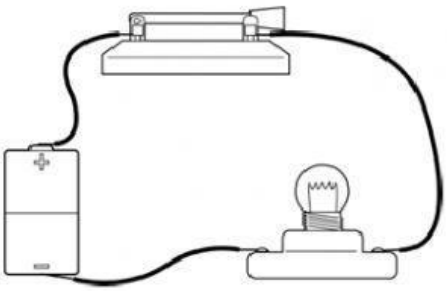
2. 

   Will the light bulb in this circuit light and why/why not?

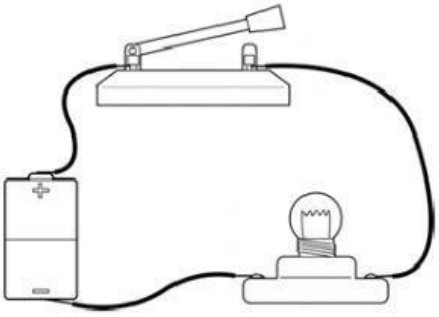
   a. yes, because it has two batteries
   b. no, because the switch is open
   c. no, because the bulb is burned out

3. 

   What would happen if the switch was opened?
   a. Nothing
   b. the battery would loose energy
   c. The light bulbs would not work because the path was broken

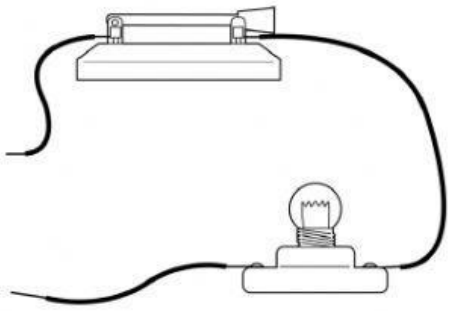
4. 

   Choose the corrrect sentence...
   a. This circuit will work because it is an OPEN circuit
   b. This circuit will NOT work because it is an open circuit.
   c. This circuit will work because it is a closed circuit.

5. 

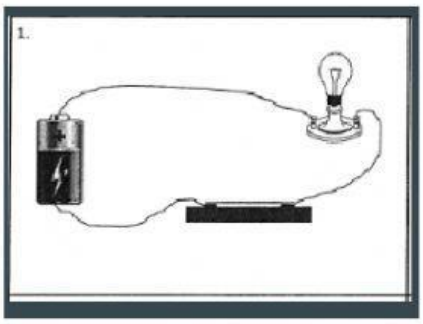
   Choose the corrrect sentence...
   a. This circuit will work because it is an OPEN circuit
   b. This circuit will NOT work because it is an open circuit.
   c. This circuit will work because it is a closed circuit.

LIVEWORKSHEETS

6. 

Would would best complete this circuit?

a. A wire
b. A battery
c. A switch

7. 

What is the power source in this circuit?

a. Lightbulb
b. Wires
c. Battery

8. Which is NOT an insulator...
   a. Wool
   b. Copper
   c. Plastic

9. What is a example of a conductor?
   a. wood
   b. metal
   c. rock

10. What is the difference between a conductor and an insulator?
    a. An insulator allows electricity to flow through it easily and a conductor does not
    b. A conductor allows electricity to flow through it easily and an insulator does not.
    c. An insulator

11. 
Eraser

a. Conductor
b. Insulator

LIVEWORKSHEETS

12. 

Coin

a. Conductor
b. Insulator

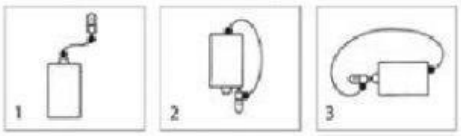
13. What are conductors used for?
    a. to stop electricity from moving.
    b. to move electricity from one place to another.
    c. to protect you from electricity.

14. 

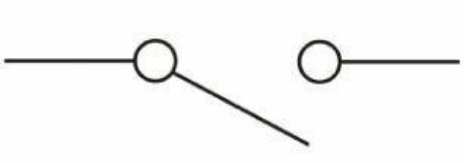
a. Conductor
b. Insulator

15. What is one type of good conductor that we learned about in class?
    a. Most plastics
    b. Most wood products
    c. Most metals

Answer the Question!

1. 

Which bulbs will light?

2. 

this is the symbol for a _____

4. The rubber around the wire is_____

5. Is Iron a Conductor or Insulator? _____

LIVEWORKSHEETS