

**ASSESSMENT UNIT 6****Sub Unit B and C**

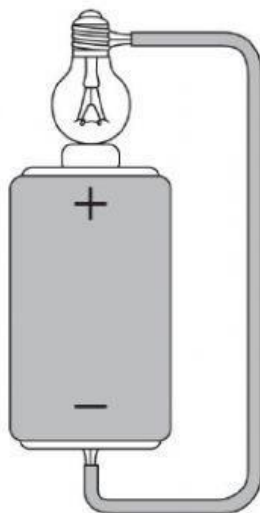
Name:

Class:

Date:

Total marks : 17**Answer all questions.**

1. Ahmad has a battery, a wire and a bulb. He arranges them in different ways. **(4 points)**



Bulb A



Bulb B



Bulb C

- (a) Which bulbs will light up? _____
- (b) Which bulb will not light up? _____
- (c) Why those bulb (*your answer in point b*) will not light up?

Because _____



2. Name the following parts of a circuit, use the clue words below.
(7 points).

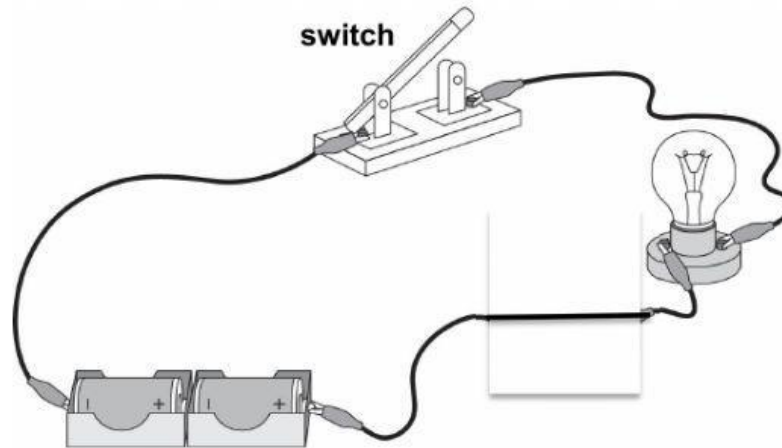
Battery holder Buzzer Circuit Bulb Switch Battery Wire

- (a) It gives electricity around a circuit. _____
- (b) It lights up when electricity flows through it. _____
- (c) It connects different parts of a circuit so that electricity can flow through. _____
- (d) It makes a buzzing sound when electricity flows through it.

- (e) It opens or closes a circuit. _____
- (f) It holds the battery _____
- (g) The pathway which electricity flows _____



3. Look at this circuit.(6 points)



- (a) When the switch is open, the bulbs do not light up. Why?

_____ .

- (b) What will happen to the bulb when the switch is closed?.

_____ .

- (c) The bulb is replaced with a buzzer.

What will you observe when the switch is closed?

_____ .

Alhamdulillahirabbil 'alamin

Self reflection: (tick ✓ the picture)



**I can do the task
by myself**



**I need a little
help**



**I need a lot
of help**