Name: _____ Date: _____

Electricity and Circuits

Q1. Fill in the blanks.

i. _____ do not allow current to pass through them.

ii. Air is an _____.

iii. Our body is a _____ conductor of electricity.

iv. The metal cap is the _____ terminal of the electric cell.

Q2. True/False

i. Impure water can also conduct electricity. _____

ii. An electric cell produces electricity from the chemicals stored inside it. _____

iii. The metal disc is the positive terminal. _____

iv. Brass is a conductor. _____

v. Insulators allow current to pass through them. _____

Q3. Which device is used to open or close an electric circuit?

Ans. _____

Q4. Who invented the first electric bulb?

Ans. _____

Q5. Who invented the first electric cell?

Ans. _____

Q6. Which is the +ve terminal of a cell?

Ans. _____

Q7. Which is the –ve terminal of a cell?

Ans. _____

Electricity and Circuits

Q1. Fill in the blanks.

i. Insulators do not allow current to pass through them.

ii. Air is an insulator.

iii. Our body is a good conductor of electricity.

iv. The metal cap is the positive terminal of the electric cell.

Q2. True/False

i. Impure water can also conduct electricity. True

ii. An electric cell produces electricity from the chemicals stored inside it. True

iii. The metal disc is the positive terminal. False

iv. Brass is a conductor. True

v. Insulators allow current to pass through them. False

Q3. Which device is used to open or close an electric circuit?

Ans. Electric switch

Q4. Who invented the first electric bulb?

Ans. Thomas Alva Edison invented the first electric bulb.

Q5. Who invented the first electric cell?

Ans. Alessandro Volta invented the first electric cell.

Q6. Which is the +ve terminal of a cell?

Ans. The metal cap is the positive terminal of the electric cell.

Q7. Which is the –ve terminal of a cell?

Ans. The metal disc is the negative terminal of the electric cell.