

Textbook questions Revision test 1

Instructions for students: Follow your teacher's instruction.
Also, you can attempt this test online and see your result.



[Solve online](#)

1. Give very short answer II (4 m.)

1. Can you produce electricity from lemon?

a. Can you produce electricity from lemon

- A) no
- B) yes

b. The

- A) copper
- B) silver

plate acts as a positive terminal.



[View solution](#)

2. Identify the conductor from the following figures.



a. Conductor

- A) books
- B) Chain

b. Insulator

- A) books
- B) glass
- C) both

2. Give very short answer III (4 m.)

1. What type of circuit is there in a torch light?

a. A torch light is of

- A) complicated circuit
- B) simple circuit

b. In torchlight cells are arranged in

- A) series
- B) parallel

2. Circle the odd one out. Give reason for your choice.

Switch, Bulb, Battery, Generator.

a. The odd one is

- A) Battery
- B) Generator

b. Reason:

- A) Electricity is produced by generator
- B) Electricity is produced by bulb



[View solution](#)

3. Give short answer I (0 m.)

Draw the circuit diagram for series connection.



[View solution](#)

4. Give short answer II (3 m.)

Can the cell used in the clock gives us an electric shock? Justify your answer.

a. Can the cell used in the clock gives us an electric shock

- A) Yes
- B) No

b. Cells used in the clocks generate

- A) least amount of electricity
- B) greater amount of electricity

c. Example of clock cells -

- A) 120 V
- B) 1.5 V, 3 V



[View solution](#)

5. Give short answer III (3 m.)

Silver is a good conductor but it is not preferred for making electric wires. Why?

a. The price of silver is

- A) low
- B) high

b. Generally we use

- A) Copper
- B) Gold

for making electric wires.

c.

- A) Insulators
 - B) Conductors
- , generally have high conductivity.



[View solution](#)

6. Answer in detail I (4 m.)

What is the source of electricity? Explain the various power stations in India?

a. In thermal power plants, steam is created by the thermal energy released by the burning of

- A) diesel
- B) coal

b.

- A) Hydel stations
- B) Thermal stations

offer low running costs and a long economic life.

c.

- A) solar energy
- B) Nuclear energy

is employed in atomic power plants to heat water.

d.

- A) Wind energy
- B) Coal

is used in windmills to turn the turbine.



[View solution](#)