

CLASS-VIII  
SCIENCE  
CHAPTER-14

Very Short Answer Questions

★ Question 1.

★ What are good conductors?

★ Answer:

★ The substances that conduct electricity through them are called good conductors.

★ Question 2.

★ What are insulators or poor conductors?

★ Answer:

★ The substances that do not conduct electricity through them are poor conductors or insulators.

★ Question 3.

★ Give four examples of conductors.

★ Answer:

★ Copper, iron, aluminium and brass.

★ Question 4.

★ Give four examples of insulators.

★ Answer:

★ Air, wood, rubber and plastic.

★ Question 5.

★ Name two metal objects which have a coating of another metal.

★ Answer:

★ Handlebars of bicycles, bathroom taps.

★ Question 6.

★ What do we get on electrolysis of acidified water?

★ Answer:

★ Hydrogen and oxygen gas.

★ Question 7.

★ Is air a bad or good conductor?

★ Answer:

★ A bad conductor.

★ Question 8.

★ Which metal is plated on handle bars of cycles and rim of wheels?

★ Answer:

★ Chromium

★ Question 9.

★ What is the full form of LED?



★ **Answer:**  
★ **Light Emitting Diode.**

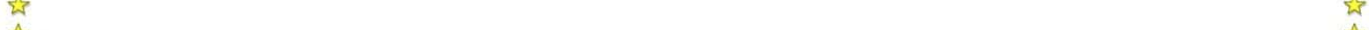


★ **Question 10.**

★ **How do we check the electric current?**

★ **Answer:**

★ **We check the electric current by using a tester.**



★ **Question 11.**

★ **Which part of an atom is responsible for flow of current?**

★ **Answer:**

★ **Electron**



★ **Question 12.**

★ **Why do most liquids conduct electricity?**

★ **Answer:**

★ **Due to the presence of ions in them, most liquids conduct electricity.**



★ **Question 13.**

★ **An LED is more efficient device than a bulb. Why?**

★ **Answer:**

★ **LED is more efficient because it can glow even when a weak or less current flows through it.**



★ **Question 14.**

★ **Do lemon juice or vinegar conduct electricity?**

★ **Answer:**

★ **Yes, they conduct electricity.**

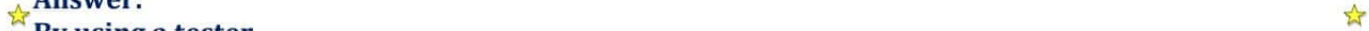


★ **Question 15.**

★ **How is conductivity of liquids tested?**

★ **Answer:**

★ **By using a tester.**



★ **Question 16.**

★ **Is water from taps, handpumps, wells and ponds a good conductor?**

★ **Answer:**

★ **Yes, water from these sources is a good conductor.**



★ **Question 17.**

★ **What makes distilled water a good conductor?**

★ **Answer:**

★ **Salts when mixed with distilled water make it a good conductor.**



★ **Question 18.**

★ **Why is a layer of zinc coated over iron?**

★ **Answer:**

★ **To prevent iron from corrosion and rust.**







★ Question 28.

★ What do we see when the compass needle is brought near a wire in which current is flowing?

★ Answer:

★ The needle deflects.



★ Question 29.

★ What is electroplating?

★ Answer:

★ Deposition of thin layer of a metal over other metal by electrolysis is called electroplating.



★ Question 30.

★ Define good conductors and poor conductors or insulators.

★ Answer:

★ The materials that conduct electricity through them are called good conductors whereas those that do not conduct electricity are called poor conductors or insulators. For example, copper, brass, aluminium, iron, etc., are conductors whereas rubber, plastic, wood, air, etc., are insulators.



★ Question 31.

★ How is the conductivity of liquids tested?

★ Answer:

★ The free ends of the tester is dipped in the liquid. If the bulb glows, the liquid is said to be a conductor. If not, it is an insulator.



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