



ST. LAWRENCEHIGH SCHOOL

- - A JESUIT CHRISTIAN MINORITY INSTITUTION
- Subject : <u>Physics Answers of Worksheet-12</u> Class: 9
 Date 12.06.2020
- Chapter: Heat
- Answer the following questions (MCQ) : (1×15)
- Question 1

Q. Why are metals useful for making electrical wire? answer choices Metals do not bend. Metals hold much heat. Metals are insulators. Metals are conductors. Answer Metals are conductors. Question 2 Q. Which is NOT an insulator. answer choices Wool Plastic Copper Glass Answer Glass Question 3 Q. Something electricity can't move through is called a(n) _____. answer choices conductor wire shoe insulator Answer shoe Question 4 Q. What is a example of a conductor? answer choices wood metal rubber rock Answer metal Question 5 Q. What is a example of a insulator? answer choices metal rubber water Answer water Question 6

Q. Water is a insulator. answer choices True False Answer False

Question 7 Q. Water is a insulator. answer choices True False AnswerFalse

Question 8 Q. Rubber is a insulator. answer choices true false Answer true

Question 9 Q. What are Conductors?

answer choices

A conductor is a material that allows electric charge to move through it as an electric current. Usually the charge is carried by electrons, and the conductor is a metal.

an insulator

an conductor

A material or an object that does not easily allow heat, electricity, light, or sound to pass through it. Air, cloth and rubber are good electrical insulators; feathers and wool make good thermal insulators. Compare conductor.

Answer A material or an object that does not easily allow heat, electricity, light, or sound to pass through

Question 10

Q. What are insulators?

answer choices

A conductor is a material that allows electric charge to move through it as an electric current. Usually the charge is carried by electrons, and the conductor is a metal.

An object that is really, really, really, and I mean really truely, awesome.

A material or an object that does not easily allow heat, electricity, light, or sound to pass through it. Air, cloth and rubber are good electrical insulators; feathers and wool make good thermal insulators. Compare conductor.

Answer A material or an object that does not easily allow heat, electricity, light, or sound to pass through

Question 11

Q. What is the difference between a conductor and an insulator?

answer choices

An insulator allows electricity to flow through it easily and a conductor does not

A conductor allows electricity to flow through it easily and an insulator does not.

An insulator is magnetic and a conductor is not

A conductor is magnetic and an insulator is not

Answer A conductor allows electricity to flow through it easily and an insulator does not.

Question 12 Q. A conductor allows energy to easily pass by. answer choices True False Answer True Question 13 Q. A insulator does not let energy flow through easily answer choices True False Answer True

Question 14 Q. Which one is an insulator? answer choices Silver Copper Mechanical pencil plastic Answer plastic

Question 15 Q. Which one is a conductor? answer choices wood iron plastic spoon paper Answer iron

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