

The City School

North Nazimabad Boys Campus

E-Worksheet



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Class: 8

Subject: Science

Date: 27th Oct '16

Q.1 Choose the best answers:

- I. In SI unit of temperature is
- A. °C
 - B. F
 - C. K
 - D. Ampere
- II. A very good conductor of heat contains
- A. metals
 - B. non-metals
 - C. liquids
 - D. gases

Answer A

- III. Materials that trap air by fur, feathers, wool and sawdust are heat
- A. insulators
 - B. conductors
 - C. gainers
 - D. losers
- IV. A solar panel is kept black surface so that it absorbs more
- A. heat
 - B. water
 - C. air
 - D. oxygen
- I. Which answer shows the correct units for energy and temperature?
- | | Energy Units | Temperature Units |
|---|----------------|-------------------|
| A | Degree Celsius | Joules |
| B | Joules | Degree Celsius |



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C Watts Joules

D Degree Celsius Watts

I. When a hammer is picked up by the head (metal end) it feels cold. This is because

A. metals are colder than other materials

B. metals are good conductors and take heat energy from the hand

C. metals react with the skin to feel cold

D. everything you touch feels cold

Q.2. explain why?

I. Silver is a good conductor of heat.

II. Solids expand when heated slowly.

III. In vacuume energy can't transfer through conduction.

