

Sri Vidyaniketan Public School- Sriramnagar

GRADE: 7

LIVE WORKSHEET: 2

SUB: SCIENCE

UNIT: HEAT AND LIGHT

I. Fill in the blanks:

- 1) A reliable measure of the hotness of an object is _____.
- 2) The range of clinical thermometer in Celsius scale is _____ and in Fahrenheit is _____.
- 3) Heat is transferred in liquids by _____.
- 4) Heat travels through solids by _____.
- 5) Dark colours are good _____ of heat.
- 6) The handle of cooking utensils are made of material that are _____.
- 7) We receive heat from sun by _____.

II. Choose the correct answer from the options given below:

- 1) Stainless steel pans are usually provided with copper bottoms. The reason for this could be that
 - a) copper bottom makes the pan more durable
 - b) such pans appear colorful.
 - c) copper is a better conductor of heat than stainless steel.
 - d) copper is easier to clean than stainless steel.
- 2) A wooden spoon is dipped in a cup of ice cream. It's other end:
 - a) becomes cold by the process of conduction.
 - b) becomes cold by the process of convection.
 - c) becomes cold by the process of radiation.
 - d) does not become cold.
- 3) An iron ball at 40°C is dropped in a mug containing water at 40°C the heat will:
 - a) flow from iron ball to water
 - b) do not flow from iron ball to water or water to iron ball
 - c) flow from water to iron ball.
 - d) increase the temperature of both