

# Sri Vidyaniketan Public School- Srirangnagar

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. Its 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) 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