

# Transfer of Heat Energy

## 1. Fill in the blanks

- A. \_\_\_\_\_ is the most significant method of heat transfer in solids.
- B. A hot pan is an example of \_\_\_\_\_ of \_\_\_\_\_.
- C. \_\_\_\_\_ is the process in which heat transferred from the hotter end to colder end.

## 2. True or false

- A. Dark surfaces absorb more heat.
- B. Light color clothes reflect most of the heat.
- C. The land gets heated faster than the water.
- D. Heat cannot be transferred if two objects have the same temperature.

## 3. Match the following:-

Column A	Column B
I. Sun	A. Bad conductor
II. Metal	B. Convection
III. liquids	C. Radiation
IV. Air	D. Conductor
V. Plastics	E. Insulator

**4. Answer the following questions**

- A. What do you understand by transfer of heat? Explain.
- B. How many methods are there for transferring? Describe them.
- C. When we switched off the flame objects cools down, why it happens? Explain.
- D. Why do we wear woolen clothes in winter? Explain.
- E. Why do we wear dark color clothes in winters?