

# DAR-UL-MADINAH

## ISLAMIC ENGLISH SCHOOL

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Grade 7

Subject-

Science

Topic-Heat

Q.1. Fill in the blanks with the proper word from the brackets.

(radiation, white, conduction, blue, convection, bad conductor,

good conductor, black, reflection)

a. Maximum heat is absorbed by a -----coloured object.

b. -----Radiation of heat does not require a medium.

c. Conduction of heat takes place through a ----- substance.

d. The shining surface in a thermos flask decreases the outgoing heat by-----.

e. Cooking utensils are made from metals due to their property of -----.

f. The earth receives heat from the sun by -----.

Q.2. Distinguish between:

- Convection can occur in liquids and gases
- Conduction can occur only in solids.
- Transfer of heat from the hot part of an object to the cold part is called conduction of heat.
- The process of heat transfer by means of

convection currents is called convection of heat

- **Examples: Heating of water, formation of land breeze and sea breeze, etc.**
- **Examples: Heating of handle of a pan, heating of other end of spoon kept in hot milk, etc.**

Conduction of heat	Convection of heat