DAR-UL-MADINAH
ISLAMIC ENGLISH SCHOOL

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**

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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

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