

Name: _____ Date: _____

Heat

Q1. Fill in the blanks.

- i. The hotness of an object is determined by its _____.
- ii. Temperature is measured in degree _____.
- iii. A cold steel spoon is dipped in a cup of hot milk. It transfers heat to its other end by the process of _____.
- iv. Land breeze blows during _____.
- v. Sea breeze blows during _____.
- vi. Dark coloured clothes are preferred during _____.
- vii. Poor conductors are known as _____.

Q2. True/False

- i. Temperature of boiling water cannot be measured by a clinical thermometer. _____
- ii. Medium is required for transfer of heat by the process of radiation. _____
- iii. Clothes of dark colours absorb heat better than clothes of light colours. _____
- iv. Light coloured clothes are preferred during summer. _____
- v. We should hold the thermometer by the bulb while holding it. _____
- vi. The bulb of laboratory thermometer should not touch the bottom or the sides of the container. _____

Q3. In which direction does the smoke go?

Ans. _____

Q4. What do you mean by temperature?

Ans. _____

Heat

Q1. Fill in the blanks.

- i. The hotness of an object is determined by its temperature.
- ii. Temperature is measured in degree celsius.
- iii. A cold steel spoon is dipped in a cup of hot milk. It transfers heat to its other end by the process of conduction.
- iv. Land breeze blows during night.
- v. Sea breeze blows during day.
- vi. Dark coloured clothes are preferred during winter.
- vii. Poor conductors are known as insulators.

Q2. True/False

- i. Temperature of boiling water cannot be measured by a clinical thermometer. True
- ii. Medium is required for transfer of heat by the process of radiation. False
- iii. Clothes of dark colours absorb heat better than clothes of light colours. True
- iv. Light coloured clothes are preferred during summer. True
- v. We should hold the thermometer by the bulb while holding it. False
- vi. The bulb of laboratory thermometer should not touch the bottom or the sides of the container. True

Q3. In which direction does the smoke go?

Ans. Smoke will go upward.

Q4. What do you mean by temperature?

Ans. A reliable measure of the hotness of an object is its temperature.