

HWS  
3.11.21

Heat  
Ch-5

Pg-1

1. Define Heat.

Ans - Heat is a form of energy which flows from a hot body to a cold body when they are kept in contact.

2. Define 1 cal.

Ans - One cal is the heat energy required to raise the temperature of 1g by  $1^{\circ}\text{C}$ .

3. Differentiate heat and temperature.

Ans -

Heat

Temperature

- It is a form of energy that flows from a hot body to a cold body.
- SI unit of heat is Joule (J).

- It is the measurement of heat energy of a body at a particular time.
- SI unit of temperature is Kelvin (K).