

St. Andrews Scots Sr. Sec. School

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Session: 2025 – 2026

(Worksheet-3)

Class-VII

Subject: Science

Chapter : Heat and Temperature

Q.1. Define:

- a) Temperature
- b) Celsius scale
- c) Heat
- d) Kink

Q.2. Fill in the blanks:

- a) The reliable measure of the hotness of an object is its _____.
- b) The range of laboratory thermometer is _____.
- c) _____ thermometer does not use mercury.
- d) The boiling point of water in the kelvin scale is _____.

Q.3. State whether the following statement is true or false:

- a) Laboratory thermometer is also called as Doctor's thermometer.
- b) A laboratory thermometer has no kink.
- c) Digital thermometer have mercury.
- d) Kelvin scale is the widely used scale for measuring temperature.

Q.4. Answer in one word:

- a) Name a substance filled in the bulb of clinical thermometer.
- b) What is the S.I unit of heat?
- c) Who invented clinical thermometer?
- d) Which instrument is used for measuring the temperature?

Q.5. Answer the following questions:

- a) How are heat and temperature different?
- b) What is a clinical thermometer? What is a range of clinical thermometer?
- c) Convert the given temperature to degree Celsius.
 - i) 150°F
 - ii) 48°F
 - iii) 185°F
- d) Convert the given temperature to degree Fahrenheit.
 - i) 68°C
 - ii) 75°C
 - iii) 112°C