

# Class 7 Heat test paper

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## Short answer type questions

**Question 1** List four effects that heat produces.

**Question 2** What does bimetallic strip consists of?

**Question 3** Why is mercury used in thermometers?

**Question 4** What is heat? How heat is different from temperature?

## Fill in the blanks

**Question 5** Fill in the blanks with correct answers

(i) Temperature is the measure of \_\_\_\_\_ of an object.

(ii) The thermometer used to measure human body temperature is called \_\_\_\_\_.

(iii) The normal temperature of human body is \_\_\_\_\_ °C.

(iv) A \_\_\_\_\_ near the bulb of a clinical thermometer prevents mercury level from falling of its own.

(v) Clinical thermometer has marking from 35°C to \_\_\_\_\_

## Long answer type questions

**Question 6.** Explain why gases expands more than liquids and solids

**Question 7.** Give one example where expansion on heating is put to good use. Explain the working with the help of labelled diagram.

**Question 8** Convert 25 °C to °F and 95 °F to °C

**Question 9** Expansion on heating can be nuisance. Explain giving two examples.

**Question 10** Give two differences between clinical thermometer and laboratory thermometer