

HW  
2/7/21

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## Exercises

Q19) Name the instrument used for measuring of the temperature of a person. Draw its labelled and neat diagram.

Ans) The temperature is measured in thermometer.

20) Write the temperature of (i) melting ice, (ii) boiling water.

Ans) i) Melting ice -  $0^{\circ}\text{C}$

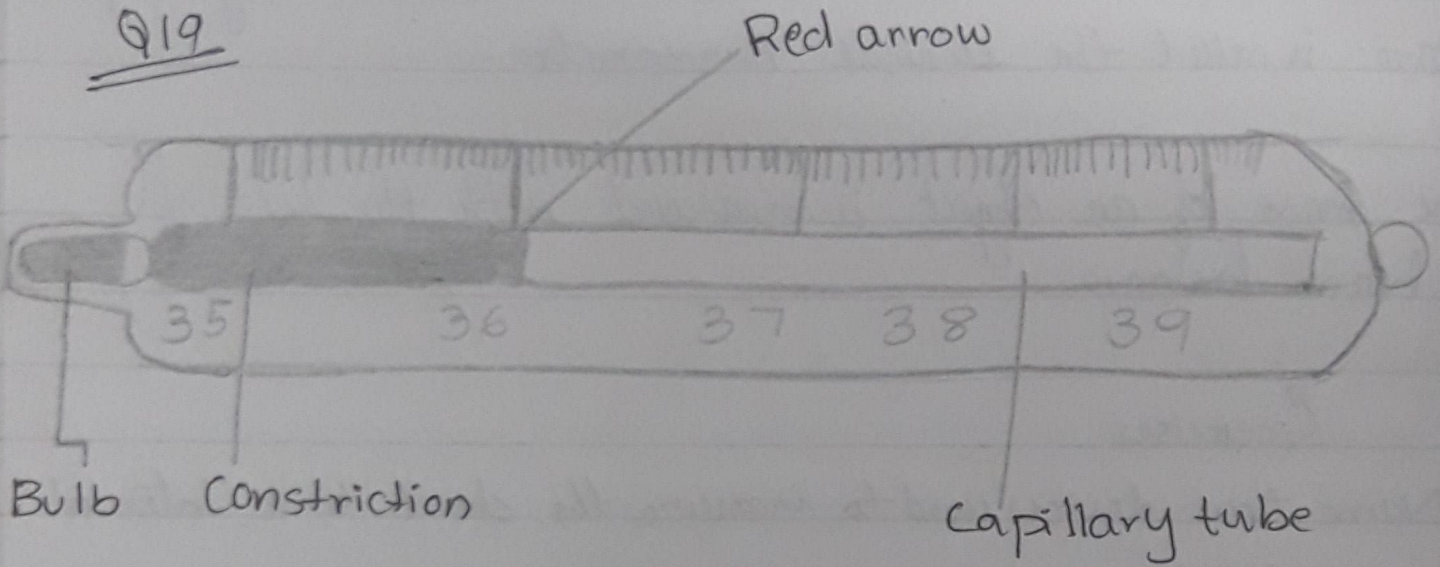
ii) Boiling water -  $100^{\circ}\text{C}$

21) What is clinical thermometer? State its special features. Draw a neat labeled of a clinical thermometer showing the range of temperature mark on it.

Clinical thermometers are used to know the temperature of a patient's body. It has marking from  $35^{\circ}\text{C}$  to  $42^{\circ}\text{C}$ . It is also available in  $^{\circ}\text{F}$  mark. They have markings from  $95^{\circ}$  to  $110^{\circ}\text{F}$ . The temperature of a healthy person:

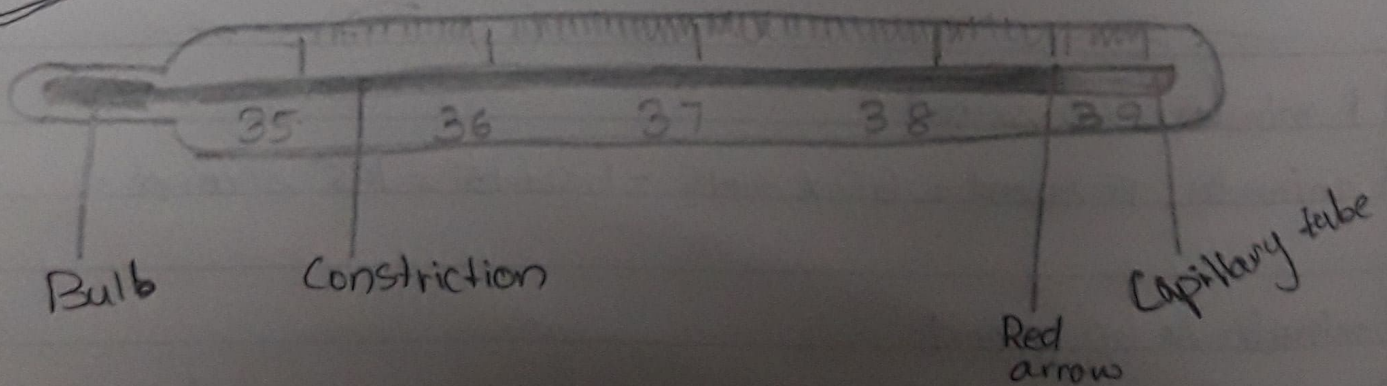
in  $^{\circ}\text{C} = 37^{\circ}\text{C}$   
in  $^{\circ}\text{F} = 98.6^{\circ}\text{F}$

Q19

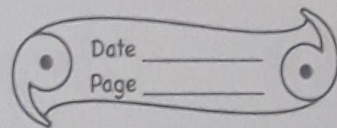


Q21

Q21



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16/07/21



Q) Define surface area. Explain the units of area.

The total surface occupied by an object is called its surface area.

The S.I unit of area is square metre or metre<sup>2</sup> (m<sup>2</sup>).

$$1 \text{ yard} = 0.914 \text{ m}$$

$$1 \text{ square ft} = 0.0929 \text{ metre square.}$$

$$1 \text{ Acre} = 4046.856 \text{ metre square.}$$