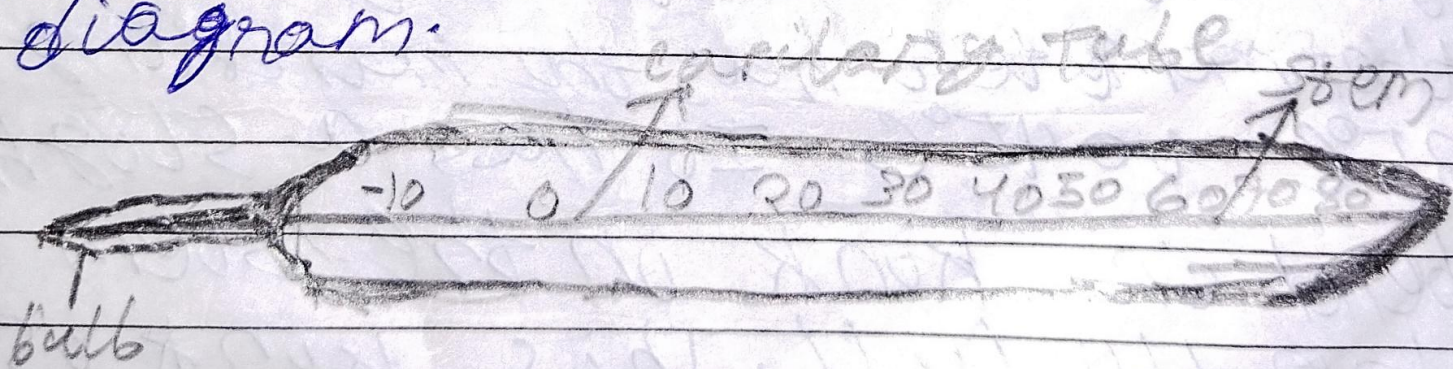


H. no
10.07.2021

Exercises

(B) ~~18~~ 19) Name the instrument used for measuring temperature of a person. Draw its neat label diagram.

ANS



Laboratory thermometer

Q6) Write the temperature of (i) melting ice
(ii) boiling water

Ans- The temperature of

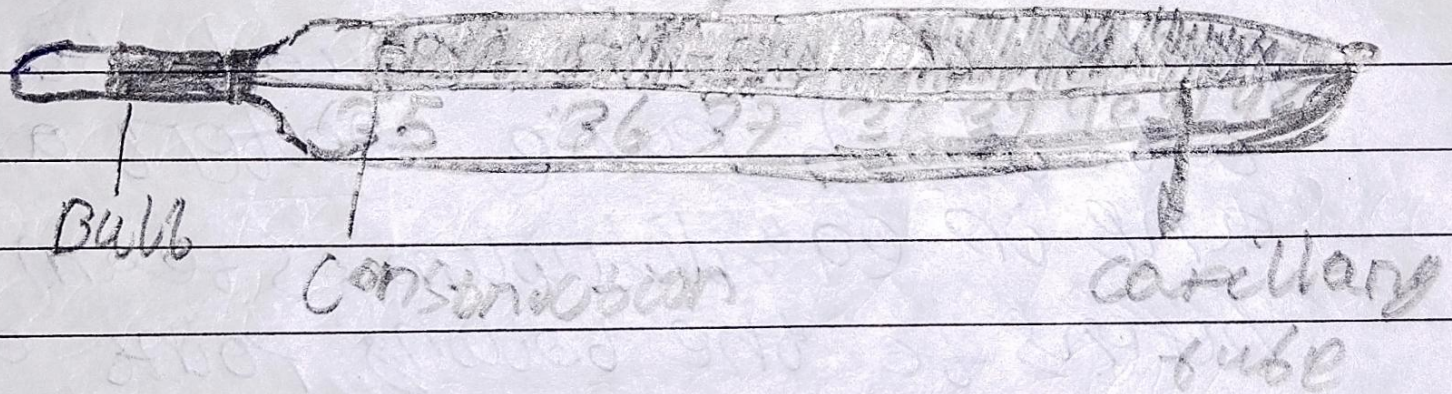
i) melting ice = 0°C

ii) boiling water = 100°C

Q1) What is a clinical thermometer? State its special features. Draw a neat labelled diagram of a clinical thermometer showing the range of temperature marked on it.

Ans- Doctors use a special thermometer called the clinical thermometer for measuring the temperature of the patient's body. This thermometer has the marking from 35°C to 45°C . It has a slight bend or kink in the stem just above the bulb. This kink is called the constriction. This constriction prevents the mercury from falling back all by itself. The

temperature of a healthy person
is 37°C . This temperature is
marked by a red arrow.



clinical thermometer.

H.W

18.07.2021

Ex

Q- Explain the units of area

Ans- In the International System of units (SI), the standard unit of area is the square metre, which is the area of a square whose sides are one metre long. In mathematics, the unit square is defined to have area one, and the area of any ~~other~~ other shape or surface

is a dimensionless real no.

Q3) ~~So~~ Surface area: - Surface area is the measure of how much exposed area a solid object has, expressed in square units. Mathematical description of the surface area is considerably more involved than the definition of arc length of a curve.

Q4) 1 yard = 0.914 m ~~square~~

Q5) 1 sq. ft = 0.0929 meter

Q6) Square 1 acre = $\frac{4046.856}{\text{square}}$ meter