	The imprometer  medication and experiments cale.  When the interpolation of water of
Thermo	mediationade xsustemiscale.
100	was fred point = 100°C [BOTTING POINT OF water]
	Couver fixed point = 0°C [Tree City of V. F.P & J.F.P.
1.01	Lower fixed point = 0°C [freezing point of water s Lower fixed point = 0°C [freezing point of water s .: 100 equal divisions between V.F.P & L.F.P.
	0.7111.3.27.31
	Fohrenheit scale
	U.F.P = 212 F
1	SEP = 32F
	7180 equal divisions.
	Kelvin scale:
	UFP=373 K
14 4	LFP = 273K
	> 100 equal division.
	Reaumer scale.
- 11	UFP=80 R
	LFP=OR
in h	> 80 equal division.
guil.	regulation of the
A	bsolute zero (ok): Theoritically lowest possible value
10	to heat where is no molecular motion at the
20	articles. Le zero kelvin or - 273°C.
	Meet we so will callet many a non and
Q. ITh	2 normal temperature of busines (at ) and and
Co	normal temperature of human body is 98.6°F.  Noest it into centigrade scale.
1	in the configurace scale.
-	
Carrie Carrie	

	.00
	Given, F = 98.6°F
	or, $\frac{C}{100} = \frac{F-32}{180}$
	100 180
	$01, \frac{c}{100} - \frac{98.6 - 32}{180}$
	100 - 180
	or, C - 100(.98.6-32)
	180
	i. C=37°
	2) At what temperature do the fahrenheit scale & celsius
	scale coincide each other?
	SCULE COMPLIANT CACIF OF ALL
	Let, C=F=71
	$\frac{C}{100} = \frac{5-32}{180}$
	$\frac{\pi}{100} = \frac{\pi - 32}{180}$
5 10	$\frac{180  \text{n} = 100  \text{(n)}}{180}  \text{n} = 100  \text{n} = 3200$
1	180, 180, 190 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1911	180n - 100a = -3200
	80n=-3200
	i.n=-40°
	: At -40° celsius scale & fahrenheit scale wince
,	
	each other.
3)	At what temperature scale does kelvin scale lead
	coincide with Fathrenheit scale?
*	K-273 - F-32 $100 - 180$ $180$ $170 - 45940$
	$\sqrt{12579.20}$
	21-273-21-32 :. At 574.25°, Kelvin Scal
	100 180
	1802-49140=1007-3200 Fahrenheit scale.

```
A fauty thermometer measures the temperature of
   A fauty thermometer measures under fixed points of the object as 28.2°C. A upper & lower fixed points of the object of the object.
    is the correct temperature of the object?
    Cin = 28.2°C
     VEIN =98.4°C
    (Ccorrect) x Let c be the correct temp,
        or, C = 100 x 29.4
          ·· c - 29.52°
5. A faulty thermometer has its fixed points marked 2°c
  & 98°C. Temperature of a body as measured by
the foulty thermometer is 64°C. Find the correct
temperature of the body?
   GIVED,
    Cin = 64°C
     UFin = 98°C
   /Fin=2°C
  Let c. be the correct temp,
     or, c = 100×62
```