## Heat and Temperature

1. A	thermometr	y reads the body	temperature in	Fahrenheit scal	e gives r	eading 14	$0^0F$ .	What
is re	eading in Cel							
	a. 60° <i>C</i>	b. 75° <i>С</i>	•	c. 95.6° <i>C</i>		d. 14	$+0^{0}C$	
2. P	roduction and	d measurement of	f very high tem	perature is call-	ed:			
	a. Pyrometry	y						
	b. Cytometr	y						
	c. Cryogeni	cs						
	d. None							
	The temperature of the sun is measured with:			• Gas Thermometer: $-150^{\circ}C$ to $600^{\circ}C$				
	a. Platinum thermometer							
	b. Gas thern			• Pyrometer: 8				
	. Radiation Pyrometer (Pyro-heliometer)			• Vapour pressure Thermometer: 0.71k to 120K *Ranges may vary as all thermometers have different types.				
	•	ressure Thermom		Kunges may var	y us un inei		ave aijj	erem types.
		zero temperature						
		b. −273		c. $-273.15^{\circ}$	C	d. −2	$273^{0}F$	,*
		physical phenome	_					
	a. Forzenics	, ,		c. Refrigeni	CS	d. Cr	yogen	iics
	_	mperature scales						
	a. Celsius	b. Fahre		c. Reaumer		d. Ke		
		B shown in figure	is a plot of to	emperature of a	a body ir	n degree (	Celsiu	s and
_	ree Fahrenhe	_			1000€		В	
ä	a. Slope of li	ine AB is $\frac{5}{9}$	-		100°C			
	o. Slope of li	í	_		Centigrade			
		<b>.</b>			entig			
(	e. Slope of li	ine AB is $\frac{1}{9}$			°  -	2205 2	120E E I	<b>→</b>
(	d. Slope of li	ine AB is $\frac{2}{3}$			A	32°F 2	12°F Fal	arenheit
		3 shown in figure	is a plot of to	emperature of a	ı a body ir	n degree (	Celsin	s and
		it. The value of si			oody ii	raegree		5 dira
_	a. $\frac{5}{2}$	The value of si			100°C		В	
	a. / <del>-</del> 9							
	b.				Centigrade			
	c. $\frac{5}{\sqrt{86}}$				enti			
	V. √86				~  -	32°F 2	12°F Fa	→ hrenheit
	d. $\frac{5}{\sqrt{106}}$				A		121 11	an camer
		and a Fahrenhe	eit thermomete	er are dipped	in boilin	g water.	The	water
	_	owered until the F				_		
		stered by a centig						
	a. $30^{0}C$	b. 40 <sup>0</sup> <i>C</i>	c. 50°C	d. 60°C		$\Delta C = \frac{5}{9}$	$\Delta F$	
						l		(