01. HEAT

	What would be the mixture of 60 g of temperature and temperature? A. 70°C C. 60°C If there is a thermatwo bodies, then A. Two bodies have	water at 40°C 60 g of water at 6 [B. 50°C D. 65°C al equilibrium bet	80°C]	10.	Boiling point of water a atmospheric pressure A. 0°C C. 110°C Melting is a process in changes to A. Liquid phase B. Liquid phase at co C. Gaseous phase	is[B. 100°C D. -5°C which solid []
	temperatures. B. Two bodies have	ve same tempera	atures	11.	D. Any phase Three bodies A, B and	d C are in the	ermal
	C. The masses of	two bodies are	equal		equilibrium. The temp		
02	D. The volume of		•		45°C. Then the temp	erature of C	is 1
U3.	How much energy 1gm of boiling wat				A. 45°C	l B. 50°C	1
	to water a 100°C		1 8		C. 40°C	D. any temp	erature
	A. 540 Cal	B. 80 Cal	1 3	12.	Which process is diffe		1
	C. 60 Cal	D. 720 Cal	2	٠ ٧٠	A. formation of mist	-	-
04.	Specific heat "S"	=[] =	2	B. formation of fog		
	A. $\frac{Q}{m \wedge T}$	B. $\frac{Q}{\Delta T}$) AA	C. formation of rain		
	C . $Q \cdot \Delta T$	D. $\frac{m \Delta T}{O}$	Ó	5	D. formation of cloud		
		·	- 9	13.	When ice melts, its te	mperature	
05.	Latent heat of fusi	on of ice is	···· <u> </u>		A	[D :====================================]
	Cal/gm A. 100	l B. 540] 3		A. remains constant		
	C. 80	D. 720	2	11	C. decreases Absolute zero temper	D. can not s	•
06.	The S.I. unit of sp		1	2714.	is	aiuie(iiiiiiiie 1	1
	A. J.Kg/K	B. J/Kg-K	,		A. -273°C	B. 0°C	1
	C. J.Kg-K	D. J/gm-K			C. 273 K	D. 273°C	
07.	Which of the follow	wing is a warming	g	15.	Flows from a bo	dy at higher	
	process	[]		temperature to a body	at lower	
	A. Evaporation	B. Condens	ation		temperature.	[]
	C. Boiling	D. All the at	oove		A. Heat	B. Tempera	
08.	Match the followin	-]		C. Specific heat	D. Latent he	
	Substance	Specific heat	noo.		An object 'X' at 10°C a		-
	(i) Water (ii) Sea water	(a) 0.95 (b) 0.50	ebly		'Y' at 10K are kept in o		n heat
	(iii) Ice	(c) 1	S.We		will flow from t A. Y to X	o [B. X to Y]
	(iv) Mercury	(d) 0.033	lysic		C. either A or B	D. None	
	Choose the corre	ct answer:	ignitephysics.weebly.com		J. Gilliol A Ol D	D. NONE	
	A. (i)-a, (ii)-c, (iii)-l		ign		Prepared by :		
	B. (i)-c, (ii)-a, (iii)-l	, ,	at:		SAKHAMURI SRINIVASI Contact at : ssmuri197		
	C. (i)-d, (ii)-a, (iii)-l	, ,	Visit		Visit at : http://sakham	urisreenivas.blog	spot.in/

D. (i)-d, (ii)-c, (iii)-b, (iv)-a

17.	is a cooling pro	ocess. []	26.	The am	ount of water v	vapour pres	sent in
	A. Evaporation	B. Condensation		air is		[]
	C. Freezing	D. Deposition		A. Atmo	spheric press	ure	
18.	The latent heat of fu	sion of ice is		B. Humi	•		
	cal/gm.	[]			perature		
	A. 540	B. 90		D. Fog	Jordiano		
	C. 80	D. 450	27	J	acco of accor	ina malagu	laa fram
40			27.		cess of escap	_	les irom
19.	Temperature of a bo				ace of a liquid	•	_
	proportional to	-		-	ture is called	=]
	A. Number of molec	ules in it		A. Boilir	ng	B. Evapor	ation
	B. Density of the bo	dy		C. Cond	lensation	D. Freezin	ıg
	C. Average kinetic e	energy of molecules	28.	Specific	heat of water	[]
	D. The gap between	n molecules		A. 1.00	cal/gm-°C	B. 0.01 ca	ıl/gm-°C
20.	According to the pri	nciple of method of		C. 1.20	cal/gm-°C	D. 0.10 ca	ıl/gm-°C
	mixtures, the net he	at lost by the hot	29.	Which is	s wrong ?	[]
	bodies is equal to			A. 15°C	= 288 K	B. -20°C =	= 253 K
		[]		C. 100°	C = 373 K	D. -45°C =	= 238 K
	A. The net heat lost	by cold bodies	30.	The late	ent heat of vap	orization of	water
	B. The net heat gair	•	=	is	-	1	1
	C. The net heat gair	•	<u></u>			B. 80 cal/g	am .
	D. None of these	, , , , , , , , , , , , , , , , , , , ,	×.		al/gm	D. 540 cal	•
21.	Ice floats on water b	pecause[]	₹31.		e temperature		•
	A. Water is denser		4		S	[1
	B. Ice is denser that		\$: S		us scale	L	,
	C. Water has less d		<u>\$</u>		enheit scale		
	D. None of the above	•	\$	C. Kelvi			
22.	When water freezes		4	D. eithe			
	A. Volume increase	• •	33.		ature of a sub	stance 'X' i	s 45°C.
	B. Volume decrease		\$	-	ature of substa		
	C. No change in vol			•	ature of subst		
	D. None of the above			•	hich of the foll		
23	This is utilized for pl			correct?		owing state	1
20.	substance	1 1			Z are in thern	l nal pauilibri	ıım
	A. Specific heat	B. Latent heat			d Y are in ther	-	
	•					•	
24	C. Temperature	D. Humidity			d Z are in ther	mai equilib	Hulli
24.	Latent heat "L" =	• •	0.4		is insufficient		
	A. $\frac{Q}{m \cdot \Delta T}$	B. $\frac{Q}{\Delta T}$	34.		ube is placed	-	
	C. $\frac{Q}{m}$	D. $\frac{m}{o}$	ε		single drop of v		
٥.		Q	V. CO		ater will over fl		e cube
25.	List of Factors		iqə	was mel	ted in that situ	ation, then	_
	(i) Surface area		S.We			. l]
	(ii) Temperature		ysic		er over flows fr	•	
	(iii) Humidity in air		ebh		er does not ove	er flow from	cup
	•	depends upon which	ignitephysics.weebly.com		an not say		
	factors	[]		D. None	of these		
	A. (i)	B. (i) and (iii)	Visit at		Prepared by:	NIVACIII II 044	11075752
	C. (i), (ii) and (iii)	D. only (iii)	ΣΪ		SAKHAMURI SRI Contact at : ssm		

35. Match the following []	42. Match the following []
Group-I Group-II	Group-I Group-II
(i) Evaporation (a) Liquid → Gas	(i) Q (a) Latent heat
(ii) Condensation (b) Solid → Gas	(ii) S (b) Specific heat
(iii) Sublimation (c) Gas → Liquid	(iii) L (c) Heat
(d) Liquid → Solid	(d) Tempperature
Choose the correct answer:	Choose the correct answer:
A. (i)-a, (ii)-b, (iii)-d	A. (i)-a, (ii)-b, (iii)-c
B. (i)-a, (ii)-c, (iii)-b	B. (i)-c, (ii)-b, (iii)-a
C. (i)-b, (ii)-c, (iii)-d	C. (i)-b, (ii)-c, (iii)-a
D. (i)-b, (ii)-a, (iii)-c	D. (i)-b, (ii)-a, (iii)-c
36. Match the following []	43. List of processes
Group-I Group-II	(i) Evaporation
(i) 1 calorie (a) 273K	(ii) Condensation
(ii) 0°C (b) 4.186 J	(iii) Freezing
(iii) 100°C (c) 373K	Which of the above are warming
(d) 100K	processes []
Choose the correct answer:	A. (i) and (ii) B. (ii) and (iii)
A. (i)-a, (ii)-d, (iii)-c	C. (i), (ii) and (iii) D. only (ii)
B. (i)-a, (ii)-c, (iii)-b	44. Sultryness in summer days is due to
C. (i)-b, (ii)-c, (iii)-d	f 1
D. (i)-b, (ii)-a, (iii)-c	A. Wind B. Humidity
37. The temperature of a steel rod is 330K.	C. either A or B D. None of these
Its temperature in °C is [45. Identify the wrong statement. [
A. 55°C B. 57°C	A. Evaporation takes place at constant
C. 59°C D. 53°C	temperature
38. How many items are mismatched in the	B. Boiling takes place at any
following []	
Group-I Group-II	temperature C. Melting is a cooling process
(i) -273°C (a) 0 K	D. Condensation is not a warming
(ii) 30°C (b) 243K	
(iii) -40°C (c) -40K	process 46 Arrange the following statements in an
(iii) 0°C (d) 212K	46. Arrange the following statements in an
Choose the correct answer:	order.
A. 1 B. 2	(i) Phase change occurs
C. 3 D. 4	(ii) Molecules move apart
39. Sweating is []	(iii) Molecules absorb heat Choose the correct answer: []
A. Evaporation B. Condensation	
C. Boiling D. Freezing ទូ	A. (i)-(ii)-(iii) B. (ii)-(iii)-(i) C. (iii) (ii) (ii) D. (iii) (ii) (ii)
40. The amount of heat energy required to	C. (iii)-(i) D. (iii)-(i)-(ii)
raise the temperature of 1 gram of	47. Fog is an example for []
water by1°C is called []	A. Solid in Air B. Liquid in Air
A. 1 Joule B. 1 erg	C. Air in Liquid D. Gas in Air
C. Boiling D. Freezing 40. The amount of heat energy required to raise the temperature of 1 gram of water by1°C is called [] A. 1 Joule B. 1 erg C. 1 calorie D. either A or B	Prepared by:
41. Raining is []	Contact at : ssmuri1975@gmail.com
A. Evaporation B. Condensation To D. Freezing	Visit at : http://sakhamurisreenivas.blogspot.in/
C. Boiling D. Freezing [∞]	NAGA MURTHY- 9441786635

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