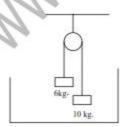
	resistances	are 2 kΩ re	esp. If both a	iode values are 4 re used of 4 kΩ i		
	ratio of volt			(1) 162		
	(1) 10	(2) 4/9	(3) 4/3	(4) 16/3		
2.	Fundament	al frequen	cy of an open	pipe is :		
	(1) 15 Hz	(2) 20 H			Ď.	
3.				power station is	200 Mg. The	energy
			tor in one day	y will be :	0	
	(1) 200 meg	a watt (2) 200 J	(3) $1729 \times 10^{10} \text{J}$	(4) Non	
4.	The half life	of a radio	active sampl	e is 3.8, the time	after which i	1/20 th part of
	the sample	will left wil	ll be:	0		T. 1
	(1) 66 days	(2) 16.5 days	(3) 18 day	ys (4) 13.5	days
5.	A hollow sp	here filled	with water a	nd hole in the bo	ottom when o	scillates the
	time period			011		
	(1) decrease		ase (3) first	increase then de	crease (4) remains
	constant	1805		11.		
			. ()			
6.			me of resonar			
			R not in sam			
			C in same ph	ase		
	(3) impe	dance is o	oL - 1			
	2000	10	Cω			
	(4) impe	dance is R	73			
-		10			hanned .	
1.	(1) wavelens			(3) amplitude (4		
	(1) waveleng	ini (2) velocity	(3) ampirtude (4) frequency	
8.	In wattles c	urrent pha	se difference	between curren	t and voltage	is:
	(1) π/4	(2) $\pi/2$	$(3) \pi$	(4) zero		
0	When the H	abt of way	olonath 2527	Å is made to inc	Ident aver the	a curface of
9.				0.24 volt obtain		
	frequency f			0.24 TOR ODUM	cui i iic tiici c	SHOW
	1.414 x 1014	Hz	(2) 2.24	48 x 10 ¹⁵ Hz		
	1.124 x 1015		(4) No			

→	B →			
	0			
(1) zero	(2) <u>μ₀i</u> 4r	(3) <u>μ₀i</u> 2r	(4) <u>μ₀i</u> 4πr	
	4r	2r	4πr	
11. The V rms o	f gas molecule	s is 300 m/sec.	If its absolute tempe	rature is reduced
	molecular we	ight is double	d the V rms will becom	
(1) 75 m/se	c. (2)	150 m/sec.	(3) 300 m/sec.	(4) 600 m/sec.
12. The densit	v of a rubber	pipe is 1.5 x 10	3 kg/m3 and Young	coefficient of
elasticity is	5 x 106 N/m2	when it is sus	pend from earth surf	
m., the inc	rease in its len	gth due to its	own weight will be :	
(1) 9.6 x 10	⁻⁵ m (2)	$9.6 \times 10^{3} \text{m}$		
(3) 19.2x10	2 m. (4)	9.6 m.		-,0
13. Surface ter	ision is due to	:	-	\cup
(1) cohe	esive molecula	r forces	0.	4
(2) grav	itational forces	S	NO.	
(3) nucl	lear forces		10.	
(4) elec	trical forces			
14 The time n	orlad of a pan	dulum in stati	onary lift is T, if lift s	tante mordne in
		the time perio		starts moving in
(1) decrease		increase	(3) unchanged	(4) uncertain
(-)	(-)		V(2)	(1)
15. An engine	of a car can p	roduce an acc	eleration of 4 m/sec.2	. If this car is
dragging a	nother car of	same mass tha	in the acceleration pr	oduced by the
engine of the	he car will be:			
(1) 1 m/se	c. ² (2)	2 m/sec. ²	(3) 8 m/sec. ²	(4) 4 m/sec. ²
2	10			
16 If a stone o	019	totad la a cont	Haal almoulan math of	nudius I mater
the critical	velocity will b	tated in a ver	tical circular path of	radius i meter,
(1) 12.64 m		3.16 m/sec.	(3) 6.32 m/sec. (4	0 48 m/sec
(1)	(2)	o.to mosec.	(5) 0.52 111 500. (4) 5.46 m sec.
17. If the MI o	f a disc about	the tangent in	its plane is I, its MI	about the tangent
perpendicu	lar to the plan	ne will be :	no prane is i, its init	and the thingent
(1) 5 I	(2) <u>3</u> I		(4) <u>6</u> I	
4	2	4	5	
to Dhata I				
18. Photo elect	isson-Germer			
	cwell,s theory	experiment		
(4) IVIa	well, s meory			

(3) Einstein theory (4) Plank's constant

- 19. In a electrical circuit a cell, a variable resistance R and ammeter are connected in series. A voltmeter connected with the variable resistance to measure the voltage across the wire R and at one instant the reading of ammeter and voltmeter are 0.3 A and 0.9 V resp. At other instant the values of ammeter and voltmeter are 0.25 amp. and 1.0 volt for other value of R. The internal resistance of the cell is:
 - (1) 4.6Ω
- (2)4.3
- $(3) 3.4 \Omega$
- $(4) 2.0 \Omega$
- 20. To electroplate a spoon with silver, one has to place it on :
 - (1) any where in electro lyticsolution
 - (2) between anode and cathode
 - (3) cathode
 - (4) anode
- 21. Dimensional formula for magnetic induction is :
 - (1) M1L1T3A-1
- $(2)M^{1}L^{2}T^{-2}A^{-1}$
- (3) M1L0T-2A-1
- (4)M1L2T2A-1
- 22. Two charges of 20 µg and 80 µg charge are placed at 10 cm. distance from each other at which point the electrical field intensity is zero:
 - (1) 0.033 M

- (2) 0.04M (3) 0.003 M (4) 0.01 M
- 23. An electron is moving in a circular orbit of radius 5.1 x 10-11 m in a hydrogen atom with 6.8 x 1015 c/s frequency. The equivalent magnetic moment of the atom will be:
 - (1) 9.56 x 10⁻²⁵ A x m²
 - (2) $4.4 \times 10^{-24} \text{ A x m}^2$
 - (3) 9.58 x 10⁻³⁵ A x m
 - (4) 8.9 x 10⁻²⁴ A x m²
- 24. A weightless string is suspend on a frictionless pulley, a mass of 6 kg. is suspend at one end and mass of 10 kg. is suspended on the other end of the string, the tension in the string will be :

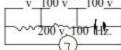


- (1) 73.5 N
- (2) 79 N
- (3) 2.45 N (4) 24.5 N
- 25. The wavelength for Lyman series is 912 Å, the wave no, will be :
 - (1)912
- (2) 1010
- (3) 912 x 3 (4) 912 x 9

912

26. In the following circuit th	e reading of voltmeter will be:
---------------------------------	---------------------------------





27. To purchase 1 kg. sugar will be beneficial at :

(1) at attitude 40°

(2) equators (3) poles

(4) at 45° attitude

(1) 1.5 x 10⁻²⁶ J

28. The period of laser is 10-8 sec. The uncertainty in energy will be: (2) $6.62 \times 10^{-26} \text{ J}$ (3) $1.05 \times 10^{-26} \text{ J}$ (4) zero

29. An electric cattle works at 220 volt and 4A current. To boil a 1 kg, water at room temperature 200 C will take time:

(1) 12.8 minute

(2) 6.3 minute

(3) 6.4 minute (4) 12.6 minute

30. The cross sectional area of an aluminum square rod is 5 x 10⁻³ m² and length is 1 m. If the resistivity of the aluminum is $2.8 \times 10^{-8} \Omega m$, resistance will be :

(1) $11.2 \times 10^{-3} \Omega$ (2) $1.12 \times 10^{-3} \Omega$

(3) $2.42 \times 10^{-3} \Omega$

(4) $1.24 \times 10^{-4} \Omega$

31. An electron is moving around infinite linear positive charge in the orbit of 0.1 m. If the liearcharge density is 1 ute, velocity of electron will be:

(1) 0.0562 x 10⁷ m/s.

(2) 5.62 x 10⁻⁷ m/s.

(3) 562 x 105 m/s.

(4) 5.62 x 107 m/s.

32. In Young's bislit experiment the intensity at a point when the path difference between the waves is λ is obtained k. If the path difference is changed to $\lambda/4$ the intensity at that point will be :

(1) k

(2) R/2

(3) k/4

(4) zero

A small sphere of radius r is kept inside a hollow sphere of radius R (R > r) concentrically. The large and small sphere are charged by charges Q and q respectively. Both the sphere are separated from each other. The potential difference depends upon:

(1) only on q

(2) only on Q

(3) both q and Q

(4) does not depend upon both

34. Laser Rays are:

- (1) instrument to measure the velocity of aeroplane
- (2) instrument to measure the intensity of X-rays
- (3) measure of frequency

(4) highly coherent waves

35. On increasing the temperature the frequency of organ pipe will:

(2) increases (3) unchanged (4) uncertain (1) decreases

36. In uranium series the initial nucleus is 92U238 and last nucleus 82Pb206, the no. of a and B particles will be:

(3) 8.6 (1) 3.4(2)4,3

(4) 6, 8

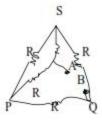
37. The β spectrum is:

(1) continuous

(2) line

(3) continuous and line both (4) none

38. In the circuit the equivalent resistance between A and B is :



(1) RΩ

39. Two whistles A and B 660 Hz and 596 Hz frequencies. An observes is standing in the middle of the line joining to source. Source B and observer are moving towards right with velocity 30 m/s. and A is standing at left side. If the velocity of sound in air is 330 m/s, the no of beats listen by the observer Is:

(2) 6 (3) 4 (4) 2 (1)8

40. Two pitch ball of each mass m and charge q are suspended from a point by weightless threads of length t. If both the threads are separated by an angle θ with the vertical, If the value of q is negligible, the distance between two pitch balls will be:

$$(2)$$
 $\left(\frac{q^2 \iota}{4\pi \ _0 mg}\right)^{1/3}$

(3) $\left(\frac{q^2 \iota}{2\pi \text{ omg}}\right)^{1/3}$ (4) $\left(\frac{q \iota^2}{4\pi \text{ omg}}\right)^{1/3}$

$$(4)$$
 $\left(\frac{q\iota^2}{4\pi \text{ omg}}\right)^{1/2}$

41. In the two parallel wires current is flowing in the same directions, then they will:

(1) slip on each other (2) repells (3) attracts (4) nothing happens 42. A mass moving with a constant velocity wrt. X-axis, its angular momentum wrt.origin:

- (1) decreases
- (2) increases (3) constant (4) zero

43. A one mole monoatomic gas is mixed to one mole of a diatomic gas, the value of r of the mixture will be:

- (1) 1.45
- (2) 1.4
- (3) 1.54
- (4) 1.5

44. The total force constant of the springs shown in the figure will be:

- $(1)\left(\frac{2}{k_1} + \frac{1}{k_2}\right)^{-1}$
- $(2)\frac{1}{2k_1} + \frac{1}{k_2}$
- $(3)\left(\frac{1}{2k_1} + \frac{1}{k_2}\right)^{-1}$
- $(4) \ \underline{k_1} + k_2$



K2

45. Gravitational acceleration of the earth surface is $g = 9.8 \text{ m/sec.}^2$, value of g at 10 km. height will be (R = 6400 km.)

- (1) 10 m/sec.2
- (2) 9.77 m/sec.2
- (3) 17.6 m/sec.2
- (4) zero

46. Intra molecular forces are found in:

- (1) solids, liquids and gases
- (2) solids and gases
- (3) only solids
- (4) only gases

47. In the circular motion in a vertical plane the minimum velocity at the lowest point is:

- (1) √6 rg
- (2) √3 rg (3) zero
- (4) √5 rg

48. Energy of a photon of 6 x 10-8 m wavelength is :

- (1) 41.4 eV (2) 40.2 eV (3) 20.6 eV (4) 51.4 eV

49. A car is moving with 30 m/s, velocity in 500 m radius path. If the velocity is increasing by 2m/sec.2 then the resultant acceleration will be:

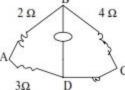
- (1) 4.5 m/sec.² (2) 2.7 m/sec.²
- (3) 2.5 m/sec.²
- (4) 2m/sec.2

50. A bullet moving with V velocity	collides to a	wall and	stops, its	50%	energy
converts into heat then the increas	e in temp. is				

- (2) $\frac{V^2}{4JS}$ (3) $\frac{2V^2}{JS}$ (4) $\frac{V^2S}{J}$

51. In the following circuit if deflection in the glav. Is zero then the value of resistance will be:

- $(1)8\Omega$
- $(2)6\Omega$ (3) 4 Ω
- $(4) 2 \Omega$



52. Isotopes have:

- (1) equal no. of neutrons
 - (2) equal no. of protons
 - (3) equal no. of neutrons but unequal no. of protons
 - (4) none

53. The radius of first orbit of hydrogen atom is 0.5 A and an electron is moving in this orbit with 2 x 106 m/s, velocity, the current due to motion of electron in the orbit will be :

- (1) 1.5 x 10⁻²
- (2) 1.5 mA
- (3) 1 mA
- (4) 2.5 mA

54. The redness in atmosphere at sunrise and sun-set is due to :

- (1) scattering of light (2) dispersion of light
- (3) refraction of light (4) reflection of light

55. X-rays was discovered by :

- (I) Plank (2) Cune
- (3) Thomson (4) Rontgen

56. The distance between centres of earth and moon are D and the mass of earth is 81 times that of mass of moon, the distance from the centre of the earth at which gravitational force on a body will be zero is :

- (1) D
- (2) 2D
- (3) 4D
- 10

57. Value of gravitational acceleration is maximum is :

- (1) inside of the earth
- (2) at a hill

- (3) at poles
- (4) at the equator

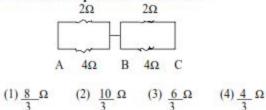
58. Intra molecular forces are of :

- (1) some time of low range and sometimes of height range
- (2) low range
- (3) infinite range
- (4) uncertain

59. The time perio	d of a pendulu	m of infinite le	ength is:
(1) infinity			(4) uncertain
		11 11 11 11 11 11 11 11 11 11 11 11 11	11 11 11 11 11 11
			e which law of Newton :
(1) first law	(2) second la	aw (3) tl	hird law (4) none
61. Emission of en	ergy from sun	is:	
	ical reactions		
(2) by radio			
(3) by fusion			
(4) by fissio	n		
62. Which quantit	v remains cons	served as exter	nal torque is zero :
(1) linear m			
(2) angular			(.)
(3) kinetic e			
(4) potentia			0
63. The electric fle	ld at distance	r from a unifo	rmly charged infinite sheet of charge
density o will be :			
(1) σ ²	(2) o	(3) σ	(4) 6
		5	11.
			avelength λ = 5898 Å produces 92
			changed by green light of wavelength
5461 Å the no. of 1			63
(1) 99	(2) 85	(3) 67	(4) 62
65. A standard cel	I is balanced a	150 cm, helgh	nt of a potentiometer wire. If this cell
			position is obtained at 100 cm. length.
The internal resist			position is obtained at 100 cm. length.
(1) 2 Ω	(2) Ι Ω	(3) 0.66 Ω	(4) 0.1 Ω
(1) 2.32	1000	(5) 0.00 22	(4) 0.1 22
66. A wire tension	225 N produc	es 6 beats per s	second when it tuked with a fork,
when the tension of	hanged to 250	N. it again tur	ned with the same tuning fork to no.
of heats remained	unchanged th	e frequency of	f tuning fork will be :
(1) 186	(2) 280		(4) 256
(0)	(-)	(-)	(1)
67. Ratio of De-Br	oglie wavelend	ths of a protor	n and an alpha particle of the same
energy is :			
(1) 1:4	(2) 4: 1	(3) 1: 2	(4) 2:1
(.)	(2) 4. 1	(3) 1.2	(4)2
68. Neutron was d	iscovered by :		
(1) Goldstei	The state of the s	Rutherford	(3) Chadwick (4) Thomson
			10. 500 500 11 11 11 11 11 11 11 11 11 11 11 11 1
69. The cause of g		diamond is:	
(1) diffusion			
(2) total inte	ernal reflection		

(3)	diffraction
(4)	reflection





71. Ratio of voltages in a step up transformer is 8. If voltage at primary is 120 volt then the voltage at the secondary will be:

(1) 960 Volt (2) 180 Volt (3) 120 Volt (4) 150 Volt

72. In a triode amplifier phase between input and output voltages is:

a triode amplifier phase between input and output voltages is
(1) zero (2)
$$\pi$$
 (3) 2 π (4) π /2

73. If $R_p = 7 k\Omega$ and $g_m = 2.5$ mili mho, how much the grid voltage must be changed when plate voltage is changed by 50 Volt, in order to keep plate current constant:

74. The equation Ip = KVp 3/2 is called :

75. X-rays are:

76. In space charge limited region the plate voltage is 50 Volt and plate current is 100 mA. If the plate voltage is changed to 20 Volt, the plate current will become :

77. The pressure inside a tyre of a car is four times of atmospheric pressure and temp. 300 k. If the tyre is bursted all of sudden the new temperature will be (r = 7/5).

78. Mutual inductance of a coll is 5H, if current changes to 0 amp. from 5 amp. in 10^{-3} sec. then the induced emf. in secondary:

79. If solar temp, is doubled then:

- (1) it will emit infra red rays mainly
- (2) it will emit ultra vilet rays mainly
- (3) emission will be doubled
- (4) emission will be four times

80. A capillary tube is dipped in water up to length 1, the level of water reaches upto

outside the		sed end is opend		capillary tube is put ght of remaining wate
(1) h	A CONTRACTOR OF THE PARTY OF TH	$(3)\iota + h$	(4) 0	
the outer lo induced cur (1) w (2) z (3) a	op is made to pass rent in the inner le rill depend upon rad ero nticlock wise	clock wise and o		plane. If the current in es with time, the
(4) c	lock wise			-()
82. Distance	between earth an	d moon is reduc	ed to half then	the time period will be
:				The same of the sa
	othing can be said	(2) unchang	zed C	>. •
	ecreases	(4) increase		
		180	10.	
83. Energy	of a photon of 5890	À wavelength	s:	
(1) 3	x 10 ⁻¹⁹ J (2	$3.6 \times 10^{-24} \text{ J}$	411.	
(3) 3	.347 x 10 ⁻¹⁹ J (4) 3.364 x 10-19 J	15.	
		0	1	
	f a ball which is pr			s. velocity is :
(1) 5	65 m. (2) 108 m	i. (3) 632 m.	(4) 433 m.	
		70.		
	f thread is placed			
			ape of radius R	. If the surface tension
7 (2)	the tension in the	thread is:	(4) n2	
(1) R	.1 (2) 2 πR	(3) πRT	(4) πK-	
	1/10		1	
06 1			F 117 0 - 1	
	le executing SHM			
particle is n	an or us amputud	e at that point ti	ie kinetic energ	y of the particle will be
: (1)	(2) E	(3) F	(A) 3 F	
(.)	(2) <u>E</u>	2	4) 52	
		-	0.780	
87. Value of	'o' at the surface	of moon is one s	ixth of that at t	he earth surface then
	iod of a pendulum			
	l_ times (2			
(-)	6	y o miles (2)	(1)	6
	0		,	0
88 A car he	s to cover the dist	ance 60 km, if h	alf of the total ti	me it travels with
				km/hr. the average
speed of car		man time its spe	occomes 40	and are are age
		120 kmph (3)	80 kmph (4) 60) kmph
(1) 1	80 kmph (2	(3) 120 kmph	80 kmph (4) 60) kmp

(1) 4:1	(2) 2:1	(3) 1:2	(4) 1:4	
90. Work done to it	ncrease a unit	length of a wi	re is :	
(1) 1 Y ² S	(2) 1 YS2	(3) 1 YS	(4) 1 YS2	
90. Work done to it (1) 1/2 Y ² S	2	2	2	
91. If kinetic energ	y of a body is	increased by 2	0 % then incre	ease in momentum will
be:				
(1) 3000 %	(2) 10%	(3) 11%	(4) 22%	
	rcuit will be wa	att less when t	he phase differ	rence between voltage
and current is :				
(1) 60°	$(2) 180^{\circ}$	(3) 45°	(4) 90°	0
	Radium is 160	0 yrs. After 4	800 yrs. the un	itergrated amount of
radium will be :			0	
(1) 8/7	(2) 7	(3) 1	(4)	
1	8	8	10	
			1 1 1	
94. The energy of a	n electron at 0	K temp. can	be called:	
94. The energy of a (1) potential	energy (2) w	ork function	be called :	
94. The energy of a (1) potential (3) emission	energy (2) w	OK temp. can work function ermi energy	be called :	
94. The energy of a (1) potential (3) emission	energy (2) w energy (4) F	OK temp. can rork function ermi energy	be called :	
95. Cooling law is t	pased upon :	18%	be called :	
95. Cooling law is t	pased upon :	18%	be called :	
95. Cooling law is t (1) Kirchoff (3) Prevost la	oased upon : 's law (2) S aw (4) P	tefan's law lank's law		
95. Cooling law is t (1) Kirchoff (3) Prevost la	oased upon : 's law (2) S aw (4) P	tefan's law lank's law		
95. Cooling law is t (1) Kirchoff (3) Prevost la	oased upon : 's law (2) S aw (4) P	tefan's law lank's law		l of these
95. Cooling law is t (1) Kirchoff (3) Prevost la	oased upon : 's law (2) S aw (4) P	tefan's law lank's law		ll of these
95. Cooling law is t (1) Kirchoff (3) Prevost la 96. Use of triode is (1) modulate	oased upon: 's law (2) S aw (4) P as a: (2) or	tefan's law lank's law scillator (3) a	mplifier (4) al	
95. Cooling law is t (1) Kirchoff (3) Prevost la 96. Use of triode is (1) modulate 97. If the colour of (1) it is cons	oased upon: Is law (2) S aw (4) P as a: Or (2) Os a star changes	tefan's law lank's law scillator (3) a	mplifier (4) al	
95. Cooling law is t (1) Kirchoff (3) Prevost la 96. Use of triode is (1) modulate 97. If the colour of	oased upon: Is law (2) S aw (4) P as a: Or (2) Os a star changes	tefan's law lank's law scillator (3) a	mplifier (4) al	
95. Cooling law is t (1) Kirchoff (3) Prevost la 96. Use of triode is (1) modulate 97. If the colour of (1) it is consi (2) coming to	oased upon: Is law (2) S aw (4) P as a: Or (2) Os a star changes	tefan's law lank's law scillator (3) a	mplifier (4) al	
95. Cooling law is t (1) Kirchoff (3) Prevost la 96. Use of triode is (1) modulate 97. If the colour of (1) it is consi (2) coming to	as a: (2) or (3) star changes fant	tefan's law lank's law scillator (3) a	mplifier (4) al	
95. Cooling law is t (1) Kirchoff (3) Prevost la 96. Use of triode is (1) modulate 97. If the colour of (1) it is consi (2) coming to (3) moving a (4) none	as a: (2) or (3) as a: (4) P (5) as a: (6) as a: (7) as a changes fant (8) as a changes fant (8) as a changes fant (9) as a changes fant (9) as a changes fant (10) as a changes fant (tefan's law lank's law scillator (3) a s from red to b	mplifier (4) al	
95. Cooling law is t (1) Kirchoff (3) Prevost la 96. Use of triode is (1) modulate 97. If the colour of (1) it is cons (2) coming to (3) moving a (4) none 98. A bomb of 9 kg	as a: (2) or (3) as a: (4) P as a: (5) as tar changes fant (6) owards earth (7) way from earth	tefan's law lank's law scillator (3) a s from red to b	mplifier (4) al plue, it means : g. is 16 m/sec. (
95. Cooling law is t (1) Kirchoff (3) Prevost la 96. Use of triode is (1) modulate 97. If the colour of (1) it is consi (2) coming to (3) moving a (4) none 98. A bomb of 9 kg of 6 kg. is 16 m/sec.	as a: (2) or a star changes fant owards earth way from earth blasts into tw then the kine	tefan's law lank's law scillator (3) a from red to b	mplifier (4) al plue, it means : g. is 16 m/sec. i kg. part is :	
95. Cooling law is t (1) Kirchoff (3) Prevost la 96. Use of triode is (1) modulate 97. If the colour of (1) it is cons (2) coming to (3) moving a (4) none 98. A bomb of 9 kg	as a: (2) or a star changes fant owards earth way from earth blasts into tw then the kine	tefan's law lank's law scillator (3) a s from red to b	mplifier (4) al plue, it means : g. is 16 m/sec. i kg. part is :	
95. Cooling law is t (1) Kirchoff (3) Prevost la 96. Use of triode is (1) modulate 97. If the colour of (1) it is cons (2) coming to (3) moving a (4) none 98. A bomb of 9 kg of 6 kg. is 16 m/sec. (1) 24 J 99. Weight of 1 kg.	as a: (2) or a star changes fant owards earth tway from earth the blasts into tw then the kine (2) 48 J sugar will be	tefan's law lank's law scillator (3) a from red to b to parts of 3 k tic energy of 6 (3) 96 J max. at :	mplifier (4) al plue, it means : g. is 16 m/sec. (6) kg. part is : (4) 92 J	then the kinetic energy
95. Cooling law is t (1) Kirchoff (3) Prevost la 96. Use of triode is (1) modulate 97. If the colour of (1) it is cons (2) coming to (3) moving a (4) none 98. A bomb of 9 kg of 6 kg. is 16 m/sec. (1) 24 J 99. Weight of 1 kg.	as a: (2) or a star changes fant owards earth tway from earth the blasts into tw then the kine (2) 48 J sugar will be	tefan's law lank's law scillator (3) a from red to b to parts of 3 k tic energy of 6 (3) 96 J max. at :	mplifier (4) al plue, it means : g. is 16 m/sec. i kg. part is :	then the kinetic energy
95. Cooling law is t (1) Kirchoff (3) Prevost la 96. Use of triode is (1) modulate 97. If the colour of (1) it is consi (2) coming to (3) moving a (4) none 98. A bomb of 9 kg of 6 kg. is 16 m/sec. (1) 24 J 99. Weight of 1 kg. (1) poles	as a: (2) or as tar changes fant owards earth way from earth blasts into tw then the kine (2) 48 J sugar will be (2) sea level	tefan's law lank's law scillator (3) a s from red to b to parts of 3 k tic energy of 6 (3) 96 J max. at: (3) equator	mplifier (4) al plue, it means : g. is 16 m/sec. to kg. part is : (4) 92 J	then the kinetic energy

(1) zero (2) infinity (3) 2 second (4) 9.8 sec.

ANSWER SHEET

1.(3)	2.(1)	3.(3)	4.(2)	5.(3)	6.(4)	7.(4)	8.(2)	9.(2)	10.(2)	11.(2)
12.(1)	13.(1)	14.(2)	15.(2)	16.(2)	17.(4)	18.(3)	19.(4)	20.(3)	21.(3)	22.(1)
23.(4)	24.(1)	25.(2)	26.(3)	27.(2)	28.(3)	29.(2)	30.(2)	31.(2)	32.(2)	33.(1)
34.(4)	35.(2)	36.(3)	37.(2)	38.(1)	39.(3)	40.(3)	41.(2)	42.(3)	43.(4)	44.(3)
45.(3)	46.(1)	47.(4)	48.(3)	49.(2)	50.(2)	51.(2)	52.(2)	53.(3)	54.(1)	55.(4)
56.(1)	57.(3)	58.(2)	59.(2)	60.(3)	61.(3)	62.(2)	63.(2)	64.(1)	65.(3)	66.(1)
67.(4)	68.(3)	69.(4)	70.(1)	71.(1)	72.(2)	73.(4)	74.(4)	75.(2)	76.(3)	77.(1)
78.(3)	79.(2)	80.(1)	81.(3)	82.(3)	83.(3)	84.(1)	85.(1)	86.(4)	87.(3)	88.(4)
89.(3)	90.(4)	91.(3)	92.(4)	93.(3)	94.(4)	95.(2)	96.(4)	97.(2)	98.(4)	99.(1)
100.(2)	§ 1			2	8	8	2: -	6		2