Physics

1.The slit width				a slit, if first mir	nima for red light	is at 300		
a)	1×10−6m	b)	5.2×10−6m	c)	1.3×10−6m	d)		
2.6×10								
					on a plane glass			
	th of light used is	s 5880A.If the di	ameter of the 15	th bright ring is	0.59cm, the diam	neter of		
the 5th ring is								
a)	0.226cm	b)	0.446cm	c)	0.336cm	d)		
0.556c								
	intensity after in	iterference of tw	o coherent wave	s represented b	y y1a1cost and y	/2a2cos2t		
will be								
a)	a1-a2 b)	a1+a2	c)	a12-a22	d)			
a12+a								
					thickness 3.6×10			
			a position origina	Ily occupied by	30th bright fringe	e. The		
	of the sheet, if							
a)	1.5 b)	1.2	c)	1.3 d)	1.7			
				wave length 600	Onm, the distance	e between		
	For changing frii			330				
a)			n the slits by 5cm		the screen is r	noved by		
5cm towards th	,		reen is moved by	/ 3cm towards tl	he slits d)			
) and (b) are cor							
					erimposed, what	are the		
			the resulting bea					
a)	5I and I b)	5I and	3l c)	9I and	d I d)	9I and		
31								
					ed, then 84 fring			
				length is used, t	hen 62 fringes a	e seen in		
	v, the wave length							
a)	6893Å b)	5904Å	,	5523Å d)	6429Å			
					a certain point P	on the		
			of second maxi					
a)	5.1 mm b)	5 mm	c)	40 mm d)	5.2 m	m		
	uble slit experim							
a)		will decreases	b)		th will increase	c)		
	ge width will ren		d)	there will be n				
				, for a light of wa	ave length 5000Å	. If the		
	is 1×10-4cm, th							
a)	300 b)	450	c)	600 d)	150			
		t light beam of ii	ntensities I and 4	I. The maximun	n and minimum ii	ntensities		
in the resulting								
a)	9I and 3I	b)	9I and 5I	c)	5I and I d)			
5I and								
12.Light propagates 2cm distance in glass of refractive index 1.5 in time t0. In the same time t0, light propagates a distance of 2.25 cm in a medium. The refractive index of the medium is								
a)	4/3 b)	3/2	c)	8/3 d)		of these		
					en them is 2.1 m			
	e between the wa	ave fronts at tha	t point is 7.692 т	т. Wave length o	of light emitted by	/ source		
will be	0	0						
a)	5386Å b)	5400Å	. c)	5460Å d)	5892Å	١		
	air bubble in wat		_					
a) .	convex lens	b)	concave lens	c)	glass plate	d)		
plano d	anical lane							
	convex lens		gnifier if the obje					

a)		beyond		b)		within th	ne focal	length	c)		betwee	n f and
2f	d)		at 2f									
			sm the a	angle of	minimun	n deviati	on is 30	ე. Then i	the refra	ctive ind	ex of the	е
materia	I of the p	orism is										
a)		1/2	b)		2	c)		2	d)		22	
17.Lum	inous flu	ıx is expı	ressed ir	n								
a)		Lumen	b)		Candel	a	c)		Weber	d)		Lue
18.Ligh	t travels	through	a glass	plate of	thicknes	s d. If n	is the re	fractive i	index of	glass an	d c is th	e
velocity	of light	in vacuu	m, the ti	me take	n by ligh	t to trave	el throug	h the gla	ass plate	is		
a)		n/cd	b)		nc/d	c)		nd/c	d)		ndc	
19.Wha	it is the r	magnifica	ation wh	en an ol	oject is p	laced at	2f of a d	convex n	nirror			
a)		1/3	b)		2/3	c)		1	d)		3/2	
20.A tai	nk is fille	d with w	ater upt	o a heigl	ht of 12.	5 cm. Th	e appar	ent dept	h of a ne	edle at t	he botto	m of the
tank is ((n of wat	ter = 1.33	5)	_				-				
a)		12.5 cm	ıb)		9.4 cm	c)		16.6 cm	ıd)		11.17 c	m
21.A ma	an unde	r water ir	ı a lake	is viewir	ng a boy	standing	g on the	bank of	the lake.	Then fo	r him th	e boy
appears	s to be											-
a)		shorter	b)		taller	c)		of the s	ame size)	d)	
	16 cm											
22.A co	nvex mi	rror plac	ed at a d	distance	of 20 cn	n from a	candle f	orms a	virtual im	age at th	ne same	position
as that	formed b	oy a plan	e mirror	at a dis	tance of	12 cm fi	rom the	candle. \	What is t	he focal	length of	of the
convex	mirror?							O				
a)		20 cm			15 cm			10 cm			5 cm	
23.Whe	n light tr	ravels fro	m 1 me	dium to	another	that rem	ains una	altered is	;			
a)		speed	b)		wave le	ngth	c)		frequen	су	d)	
	intensity	,										
		f a teles	cope is 1	100 cm a	and mag	nification	n is 19. T	The foca	I length o	of the ob	jective a	and eye
piece a	re											
a)		90 cm a	and 10 c		b)		85 cm a	and 1 cm	ıc)		95 cm a	and 25
a) cm	d)		None of	f the abo	ové	~>>			,			and 25
a) cm 25.In a	compou	nd micro	None of scope the	f the abo	ové t produc		gnificatio	on 10 an	d eyepie	ece produ		and 25
a) cm 25.In a	compou	nd micro	None of oscope the erall mag	f the abo	ové t produc		gnificatio	on 10 an	id eyepie croscope	ece produ e is	uces a	and 25
a) cm 25.In a magnific a)	compou cation 5	nd micro . The ove 2	None of oscope the scope t	f the abo he objec gnificatio	ové t produc		gnificatio	on 10 an	d eyepie	ece produ e is		and 25
a) cm 25.In a magnifica) 26.The	compou cation 5	nd micro The ove 2 If the sky	None of oscope the erall mag b)	f the abo he object gnification	ové et produc on produ 5	ced by th	gnification ne comp	on 10 an ound mi 2	d eyepie croscope d)	ece produ e is	uces a	and 25
a) cm 25.In a magnific a)	compou cation 5. colour o	nd micro The ove 2 of the sky scatterin	None of secope the secope the secope the second to second the seco	f the aborned the object of th	ové t produc	ced by th	gnificatione comp	on 10 an ound mi 2 on of ligh	d eyepie croscope d)	ece produ e is	uces a	and 25
a) cm 25.In a magnific a) 26.The a)	compou cation 5. colour o interfere	nd micro The ove 2 of the sky scattering	None of oscope the rall mag b) is due to high the record of light.	f the aborned the object of th	ove or production production 5	ced by th	gnification e comp refraction on of ligh	on 10 an ound mi 2 on of ligh	d eyepie icroscope d)	ece produ e is c)	uces a 50	and 25
a) cm 25.In a magnifica) 26.The a) 27.An o	compou cation 5. colour o interfere	nd micro The ove 2 of the sky scattering ence of li	None of oscope the erall mag b) is due to high to a dista	f the about the object of the	ove ot production production of b) from a co	ced by th	gnification gne comp refraction on of light	on 10 an ound mi 2 on of ligh t al length	nd eyepie icroscope d) nt	ece produ e is c) mage wil	uces a 50	
cm 25.In a magnifica) 26.The a) 27.An ca)	compou cation 5. colour o interfere bject is	nd micro The ove 2 If the sky scattering ence of li placed a 3f/2, rea	None of pscope the psc	f the about the object of the	bye t product on product 5 b) from a cc b)	ced by the c) reflection reconvex lere	gnification gne comp refraction on of light	on 10 an ound mi 2 on of ligh it al length	nd eyepie croscope d) nt n f. The ir virtual, d	ece produ e is c) mage will ouble the	uces a 50	
cm 25.In a magnifica) 26.The a) 27.An o a) object	compou cation 5. colour o interfere bject is	nd micro The ove 2 If the sky scattering ence of li placed a 3f/2, rea	None of oscope the erall mag b) is due to the ing of light at a distate all and in f/2, real	f the about the object of the	ove t product on product 5 b) rom a cc b) erted	ced by the convex lends	gnification refraction on of light as of foctione of t	on 10 an ound mi 2 on of ligh al length he foci, f, virtua	nd eyepie icroscope d) nt n f. The ir virtual, d I and ere	ece produce is c) mage will ouble the	uces a 50 Il be at e size o	f the
a) cm 25.In a magnific a) 26.The a) 27.An o a) object 28.Two	compou cation 5 colour o interfere bject is c) thin cor	nd micro The ove 2 If the sky scattering ence of li placed a 3f/2, rea	None of oscope the erall mag b) is due to the ing of light at a distate all and in f/2, real	f the about the object of the	ove t product on product 5 b) rom a cc b) erted	ced by the convex lends	gnification refraction on of light as of foctione of t	on 10 an ound mi 2 on of ligh al length he foci, f, virtua	nd eyepie icroscope d) nt n f. The ir virtual, d I and ere	ece produce is c) mage will ouble the	uces a 50 Il be at e size o	
a) cm 25.In a magnific a) 26.The a) 27.An c a) object 28.Two combination	compou cation 5 colour o interfere bject is c) thin cor	nd micro The ove 2 If the sky scattering ence of li placed a 3f/2, rea	None of oscope the perall mag b) is due to the ing of light at a distant all and in f/2, real oscope of forces of forces.	f the about the object of the	ove the production production b) from a control b) erted th 10 cm	reflection onvex lend d) and 15	gnification refraction on of light as of foctione of t	on 10 an ound mi 2 on of ligh t al length he foci, f, virtua combine	nd eyepie icroscope d) nt n f. The ir virtual, d I and ere d togethe	ece produce is c) mage will ouble the cotter, the fo	uces a 50 Il be at e size of	f the
a) cm 25.In a magnific a) 26.The a) 27.An c a) object 28.Two combina a)	compou cation 5 colour o interfere object is c) thin cor ation is	nd micro The ove 2 of the sky scattering ence of li placed a 3f/2, rea nvex lens	None of oscope the serall mag b) is due to the series of light and in f/2, real sees of footbody.	f the about the object of the	bye the production production 5 b) from a co b) erted th 10 cm	reflection onvex ler d) and 15	gnification refraction on of light as of foctione of t	on 10 an ound mi 2 on of ligh al length he foci, f, virtua	nd eyepie icroscope d) nt n f. The ir virtual, d I and ere	ece produce is c) mage will ouble the cotter, the fo	uces a 50 Il be at e size o	f the
a) cm 25.In a magnific a) 26.The a) 27.An o a) object 28.Two combina a) 29.The	compou cation 5 colour o interfere object is c) thin cor ation is	nd micro The ove the sky scattering ence of liplaced a 3f/2, rea envex lens 25cm ngth of a	None of oscope the scall mag b) is due to the scale and information of the	f the about the object of the	byé tri production production production b) from a cc b) erted h 10 cm 12.5cm ninimum	reflection onvex lend and 15	gnification refraction on of light as of foctione of t	on 10 an cound mi 2 on of ligh al length he foci, f, virtual combined	nd eyepie icroscope d) nt n f. The ir virtual, d I and ere d togethe d)	ece produce is c) mage will ouble the ect er, the fo	uces a 50 II be at e size of	f the
a) cm 25.In a magnific a) 26.The a) 27.An o a) object 28.Two combina a) 29.The a)	compour colour of interfere object is c) thin corration is	nd micro The ove the sky scattering ence of liplaced a 3f/2, rea envex lens 25cm ngth of a red	None of oscope the rall mag b) is due to the right and information of formation of	f the aborder of the object of	bye try	reflection onvex ler d) and 15 c) for c)	gnification refraction on of light as of foct one of the	on 10 an ound mi 2 on of ligh the foci, f, virtual combined 15cm blue	nd eyepie icroscope d) nt n f. The ir virtual, d I and ere d togethe d)	ece produce is c) mage will ouble the ect eer, the fo	uces a 50 II be at e size of cal leng 6cm green	f the of the
a) cm 25.In a magnific a) 26.The a) 27.An o a) object 28.Two combina a) 29.The a) 30.A bid	compour colour of interfere object is c) thin corration is	nd micro The ove the sky scattering ence of liplaced a 3f/2, rea envex lens 25cm ngth of a red	None of oscope the rall mag b) is due to the right and information of formation of	f the aborder of the object of	bye try	reflection onvex ler d) and 15 c) for c)	gnification refraction on of light as of foct one of the	on 10 an ound mi 2 on of ligh the foci, f, virtual combined 15cm blue	nd eyepie icroscope d) nt n f. The ir virtual, d I and ere d togethe d)	ece produce is c) mage will ouble the ect eer, the fo	uces a 50 II be at e size of cal leng 6cm green	f the
a) cm 25.In a magnific a) 26.The a) 27.An o a) object 28.Two combina a) 29.The a) 30.A bid part is	compour colour of interfere object is c) thin corration is	nd micro The ove 2 If the sky scatterir ence of li placed a 3f/2, rea envex lens 25cm ngth of a red ens of fo	None of oscope the erall mag b) is due to the ing of light and in the ingle in the	f the aborder of the object of	bye t product on product b) rom a cc b) erted h 10 cm 12.5cm ninimum violet n is cut o	reflection onvex ler d) and 15 c) for c) ut into tw	gnification refraction on of light as of foct one of the	on 10 an iound mi 2 on of light al length the foci, f, virtual combined 15cm blue o-convex	ad eyepie icroscope d) nt n f. The ir virtual, d I and ere d togethe d) d)	ece produce is c) mage will ouble the ect er, the foca	uces a 50 Il be at e size or ocal leng 6cm green al length	f the of the
a) cm 25.In a magnific a) 26.The a) 27.An o a) object 28.Two combina a) 29.The a) 30.A bid part is a)	compour colour of interfere object is c) thin corration is focal ler	nd micro The ove 2 If the sky scatterir ence of li placed a 3f/2, rea nvex lens 25cm ngth of a red ens of fo	None of oscope the erall mag b) v is due to the ight of light of	f the aborder of the object of	bye tt produc on produ 5 b) rom a cc b) erted th 10 cm 12.5cm ninimum violet n is cut o	reflection on the convex lend on	gnification refraction on of light ns of foct one of the cm are of	on 10 an iound mi 2 on of light al length the foci, f, virtual combined 15cm blue o-convex 30 cm	ad eyepie icroscope d) nt n f. The ir virtual, d I and ere d togethe d) d) d)	ece produce is c) mage will ouble the ect er, the foca	uces a 50 Il be at e size of ocal leng 6cm green al length 40 cm	f the th of the of each
a) cm 25.In a magnific a) 26.The a) 27.An c a) object 28.Two combina a) 29.The a) 30.A bic part is a) 31.The	compour colour of interfere object is c) thin corration is focal ler	nd micro The ove 2 If the sky scatterir ence of li placed a 3f/2, rea nvex lens 25cm ngth of a red ens of fo	None of oscope the erall mag b) v is due to the ight of light of	f the aborder of the object of	bye tt produc on produ 5 b) rom a cc b) erted th 10 cm 12.5cm ninimum violet n is cut o	reflection on the convex lend on	gnification refraction on of light ns of foct one of the cm are of	on 10 an iound mi 2 on of light al length the foci, f, virtual combined 15cm blue o-convex 30 cm	ad eyepie icroscope d) nt n f. The ir virtual, d I and ere d togethe d) d)	ece produce is c) mage will ouble the ect er, the foca	uces a 50 Il be at e size of ocal leng 6cm green al length 40 cm	f the th of the of each
a) cm 25.In a magnific a) 26.The a) 27.An c a) object 28.Two combina a) 29.The a) 30.A bid part is a) 31.The is	compour colour of interfere object is c) thin corration is focal ler	nd micro The ove the sky scattering ence of li placed a 3f/2, rea envex lens 25cm agth of a red ens of fo 10 cm m distance	None of pscope the psc	f the aborder of the object of	bye the production production production production production production production is cut of the production	reflection on vex lend of the convex lend of the co	gnification refraction on of light ns of foct one of the cm are of	on 10 an lound mi 2 on of light al length he foci, f, virtual combined 15cm blue b-convex 30 cm formed l	nd eyepie icroscope d) nt n f. The ir virtual, d l and ere d togethe d) d) d) t lenses. d)	ece produce is c) mage will ouble the ect er, the focativex lens	uces a 50 Il be at e size of ocal leng 6cm green al length 40 cm of focal	f the th of the of each
a) cm 25.In a magnific a) 26.The a) 27.An c a) object 28.Two combina a) 29.The a) 30.A bic part is a) 31.The is a)	compour control of this control of the control of t	nd micro The ove the sky scattering ence of li placed a 3f/2, rea envex lens 25cm agth of a red ens of fo 10 cm m distance 1.5 f	None of pscope the psc	f the about the object of the	ove the production pro	reflection on the convex lend on	gnification refraction on of light ns of foct one of the cm are of	on 10 an iound mi 2 on of light al length the foci, f, virtual combined 15cm blue o-convex 30 cm	ad eyepie icroscope d) nt n f. The ir virtual, d I and ere d togethe d) d) d)	ece produce is c) mage will ouble the ect er, the focativex lens	uces a 50 Il be at e size of ocal leng 6cm green al length 40 cm	f the th of the of each
a) cm 25.In a magnifica) 26.The a) 27.An oa) object 28.Two combina a) 29.The a) 30.A bio part is a) 31.The is a) 32.The	compour control of this control of the control of t	nd micro The ove the sky scattering ence of liplaced a 3f/2, rea nvex lens 25cm ngth of a red ens of fo 10 cm m distance 1.5 f re index of	None of pscope the psc	f the aborder of the object of	byé tt product on product on product on product b) from a cc b) erted th 10 cm 12.5cm ninimum violet or is cut of 20 cm object ar f s on	reflection on vex lend of the convex lend of the co	gnification e composition of lighter one of the composition one of t	on 10 an cound mi 2 on of light al length the foci, f, virtual combined 15cm blue o-convex 30 cm formed I	ad eyepie icroscope d) at f. The ir virtual, d I and ere d togethe d) d) d) elenses. d) by a conv	ece produce is c) mage will ouble the ect er, the focativex lens	uces a 50 II be at e size of ocal leng 6cm green al length 40 cm of focal	f the th of the of each
a) cm 25.In a magnific a) 26.The a) 27.An c a) object 28.Two combina a) 29.The a) 30.A bic part is a) 31.The is a)	compour cation 5. colour of interfere object is colour of thin contact on is focal ler convex leminimum refractive	nd micro The ove 2 If the sky scattering ence of liplaced a 3f/2, rea nvex lens 25cm ngth of a red ens of fo 10 cm m distance 1.5 f re index of angle of	None of oscope the property of the prism o	f the aborder of the object of	bye try	reflection vex ler d) and 15 c) for c) ut into two distribution (c) and its reaction (c)	gnification e comp refraction of lighters of focus one of the compared were compared to the co	on 10 an cound mi 2 on of light al length the foci, f, virtual combined 15cm blue o-convex 30 cm formed I	nd eyepie icroscope d) nt n f. The ir virtual, d l and ere d togethe d) d) d) t lenses. d)	ece produce is c) mage will ouble the ect er, the focativex lens	uces a 50 II be at e size of ocal leng 6cm green al length 40 cm of focal	f the th of the of each
a) cm 25.In a magnific a) 26.The a) 27.An o a) object 28.Two combina a) 29.The a) 30.A bio part is a) 31.The is a) 32.The a)	compour cation 5. colour of interfero bject is c) thin conation is focal ler convex leminimur refractive intensity	nd micro The ove 2 If the sky scatterii ence of li placed a 3f/2, rea ovex lens 25cm ogth of a red ens of fo 10 cm of distance 1.5 f re index of angle of y of light	None of oscope the property of the prism of light and in f/2, real ses of for convex b) ocal length b) of prism of the pri	f the aborder of the object of	bye try	reflection vex ler d) and 15 c) for c) ut into two	gnification e comp refraction of light refraction of light	on 10 an round mi 2 on of light al length the foci, f, virtual combined 15cm blue o-convex 30 cm formed the fo	d eyepie icroscope d) nt n f. The ir virtual, d I and ere d togethe d) d) elenses. d) by a conv d)	ece produce is c) mage will ouble the ect er, the focativex lens	uces a 50 II be at e size of ocal leng 6cm green al length 40 cm of focal	f the th of the of each
a) cm 25.In a magnific a) 26.The a) 27.An o a) object 28.Two combina a) 29.The a) 30.A bio part is a) 31.The is a) 32.The a) 33.It is	compour cation 5. colour of interfero bject is c) thin conation is focal ler convex leminimur refractive intensity	nd micro The ove 2 If the sky scatterir ence of li placed a 3f/2, rea nvex lens 25cm ngth of a red ens of fo 10 cm m distance 1.5 f re index of angle of y of light to obsel	None of oscope the property of the prism of	f the aborder of the object of	bye try	reflection on the convex lend on the convex lend on the convex lend of	gnificatione composition of light light trav	on 10 an round mi 2 on of light al length the foci, f, virtual combined 15cm blue o-convex 30 cm formed light on producted from	d eyepie icroscope d) nt n f. The ir virtual, di and ere d togethe d) d) d) elenses. d) by a conv d) ced by the	ece produce is c) mage will ouble the ect er, the focativex lens	uces a 50 Il be at e size or ocal leng 6cm green al length 40 cm of focal 3 f	f the of the of each length f
a) cm 25.In a magnific a) 26.The a) 27.An o a) object 28.Two combina a) 29.The a) 30.A bio part is a) 31.The is a) 32.The a)	compour cation 5. colour of interfero bject is c) thin conation is focal ler convex leminimur refractive intensity	nd micro The ove 2 If the sky scatterir ence of li placed a 3f/2, rea nvex lens 25cm ngth of a red ens of fo 10 cm m distance 1.5 f re index of angle of y of light to obser air to wa	None of oscope the property of the prism of	f the aborder of the object of	bye try	reflection vex ler d) and 15 c) for c) ut into two	gnificatione composition of light light trav	on 10 an round mi 2 on of light al length the foci, f, virtual combined 15cm blue o-convex 30 cm formed the fo	d eyepie icroscope d) nt n f. The ir virtual, di and ere d togethe d) d) d) elenses. d) by a conv d) ced by the	ece produce is c) mage will ouble the ect er, the focativex lens	uces a 50 Il be at e size or ocal leng 6cm green al length 40 cm of focal 3 f	f the of the of each length f

34.A concave lens has focal length produces an image	f. A real obje	•	d at a di	stance f	in front o	of the len	s from t	he pole
a) at infinity b)		at f	c)		at f/2	d)		at 2/f
35. The image formed by a plane m	irror is							
a) real and same size		ctb)		virtual,	same siz	ze as the	object	c)
real and magnified d)	•	none of	f these	,			•	,
36. The limit of resolution of the eye	is one minu			from the	e eve. T	wo perso	ns stan	d with a
lateral separation of 3cms. To see t								
a) 20km b)	15km	c)		10km	d)	0, 7. 0	30km	
37.In the displacement method of n			nath of a			e lenath		nages in
the two positions of the lens between								
of the object is		and the	30100111	5 50m ai	10 +01111	Copcouv	Ciy. Tric	, icrigar
a) 6.25 cmb)	1.5 cm	c)		6 cm	d)		36 cm	
38. The refracting angle of a prism is			indev o			ha nriem		the
angle of minimum deviation is	s A and the i	Ciractive	illuex o	i ilie ilia	ichai oi	ine prisir	1 601 7/2	., uic
•	100 24	۵)		90-A	ط/ ۔		100 24	
	180-3A		efractive.		d)	alo of inc	180-2A	
39.A ray of light travels from vacuum				muex n.	The and	gie oi inc	iderice i	Silouna
to be twice the angle of refraction.	ine angle of			- \		0-1 4	-1\	
a) cos □1n/2 b)		2cos-1	n/2	c)		2sin-1n	a)	
2sin-1n/2		_						
40.An object placed at distance 'a'		is of a co	nvex ler	ns forms	its real i	mage at	a distar	nce 'b'
from the focus. The focal length of				U.				
a) ab b)	ab	c)		a+b2	d)		ab	
41. The distance between a point so	ource of light	and a so	creen is	doubled.	The inte	ensity of	light on	the
screen will be			O_{i}					
a) Four times the orig		b)				nal value	c)	
two times the original value			one qua		original	value.		
42. From the following which one is	used for stud	dying ultr	a violet l	light?				
a) prism of crown glas	ss b)		prism o	f flint gla	ISS	c)		prism o
quartz d) prism with	combination	of flint a	nd crowr	n glass				
43. Electromagnetic waves are								
a) longitudinal waves	b)	7	transve	rse wave	es	c)		neither
longitudinal nor transverse d)		stationa	ary wave	:S				
44. If there are no atmosphere the a	verage temp	erature o	on the su	urface of	the ear	th would	be	
a) lower b)	higher	c)		same a	s now	d)		00C
45.displacement current was first p	roduced by	,				,		
a) Ampereb)	Henry	c)		Maxwe	II	d)		base
46. Pick out the odd one which has			e lenath r			,	visible I	
can be emitted from the nucleus of			- 3-					5
a) UV radiation b)		beta ra	diation	c)		γ radiati	on	d)
infra red radiation				•,		1	•	/
47.The TV transmission tower in De	elhi has a he	iaht of 24	10m The	e distanc	e unto v	vhen the	broadca	ast can
be received [taking radius of earth t				Jaiotario	o upto t	******************	Dioddo	aot oan
a) 100 km b)	60 km			55 km	d)		50 km	
48.All the members of electro magr			ame	JJ KIII	u)		JO KIII	
a) frequency b)	ielic specii di	velocity			wave le	nath	d)	
wave number		velocity	C)		wavele	iigui	u)	
49.Infra red spectrum lies between a) radio and micro wa	ve region	h)		vicible	and LIV.	agion	c)	
,	•	b)	11\/ and		and UV i	egion	c)	
micro wave and visible regi		otions	ov and	X-ray re	gion			
50.Choose the waves relevant to te	HECOMMUNIC		۵)		infra ==	4	۹/	
a) ultra violet b)		visible	C)		infra re	J	d)	
micro waves								