Name:				1st YEAR Test Session 2021-22										Physics				Time Allowed: 45 M					
Roll# Section:						Syllabus: Ch#10									Total Marks: 30				Obt Marks:				
Think Positive, Liv						арру					Change Thoughts, Cha					nge Society							
Q# /	A B	C D	Q#	Α	В	С	D	Q#	Α	В	С	D	Q#	A	В	С	D	Q#	Α	В	С	D	
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Q.	You ha							_		-	-												
No.	think is correct, Fill bubble sheet that option. Cutting, Over-writing, using lead pencil and filling more than one circle will result in zero marks in that question. (10x1=10)														and								
Sr.#	Hilling			circi	e wi	II re					s in that quest B			stion	ion. (10x1=10)				D				
1	Questions  The power of lens is measured in							watt	A			meter			I	Diopter				joule			
1	In compound microscope the foca												Shorter			Equal			None				
2	length of objective is										Bhorter				Liquii			Ttone					
	eye-piece.																						
_	The property of the property of		Greater					Shorter		Equal				None									
3	length o	en			1725																		
	eye-pie In colli	pre	sent		Convex			1	Concave		e Do		Double			Double concave							
4	In collimator the lens is pr													100			onvex						
5	The ref	ractive	s is	-5	1.1	M			1.5				1.9			2.6							
6	In astronomical microscope							The same was a second					Object lense			both			non	e			
	which lense posses small foc			cal	al				&														
7	length If critic	al ano	1	large					small			Light tra			vel	all							
,	number	_			large			Silver of the second				straight			VCI								
8	Conditi	rnal	17	VA	I=c		D	ΙŦ	i>c	i>c			I <c< th=""><th colspan="3">i=90</th></c<>			i=90							
	reflecti																						
9	Angle			200	la of		Chiniot				inverse			1	No relation			all					
	haverelation with reflection					16 01																	
10	Refractive index is give					y	7		С	Y			υ		I	Both			cv				
				v		c																	
i.	Drown	katah	oc cho					he Fol	Unit to	ng s						_	alass	one	and -	(reita	the		
1.	Draw s		_			ii.					am of telescope and write the magnification?												
	paths through a single-mode and n fiber?								nani mode														
iii.		_			_	-	-	ower of 5 t. Find the				Define the magnifying and resolving power											
					240	em a	part					of optical instruments?											
v.	focal le				nd to	tal i	nter	rnal vi.					How the light signal is transmitted through										
	reflect	itter	vi.				the optical fiber?																
				Q	#:3 A	nsw	er t	he Fo	llowi	ng :	shor	Company of the company	*	2.3		V.3-03.							
(a) How the power is lost in optical fiber through dispersion? Explain.																							
(b	) A con																						
"	observ	e is 25	cm a	nd th	e lei	ns is	held	d clos	e to t	he e	eye,	calcu	ilate	the d	listar	ice o	of ob	ject i	from	the	lens.		