		DF TOP	PP NO. 6 IC : LIGHT								
1.	A ray of light pass (A) reflection (C) total internal r	sing through optical centre su	uffers : (B) refraction (D) none of these								
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Ζ.	A lens is thin in the (A) concave	(B) convex	(C) plane	(D) prism							
3.	A lens converges	s light rays. The lens is :									
	(A) plane	(B) prism	(C) concave	(D) convex							
4.	Aperture is the diameter of : (A) Entire lens										
	(C) Case of lens (D) None of these										
5.	Which of the following terms is not related to spherical mirrors :										
	(A) Principal axis	(B) Optical centre	(C)Aperture	(D) None of these							
6.	The sign of powe	r of convex lens is :									
	(A) positive	(B) negative	(C) zero	(D) infinite							
7	If the magnification of a lens has negative value, the image is :										
	(A) virtual and ere	ect (B) real and inverted	(C) A or B any	(D) neither A nor B							
8	The	bottom of the spectrum.									
	(A) red, violet	(B) red, blue	(C) violet, red	(D) none of these							
9.	A lens of power 6	A lens of power 6 D is put in contact with a lens of power -4 D. The combination will behave like a :									
	(A) divergent lens	s of focal length 25 cm	(B) convergent lens of focal length 50 cm								
	(C) divergent lens	s of focal length 20 cm	(D) convergent lens of focal length 100 cm								
10.	If an object of size 5 cm is placed 20 cm from a lens and its image of same size is formed 20 cm from lens on other side, lens is :										
	(A) convex	(B) concave	(C) glass slab	(D) prism							
11.	Is it necessary that a dense (thick) material will also be optically dense?										
12.	Draw shapes of different types of concave lens.										
13.	Is it necessary that optical centre always lie on principal axis ?										
14.	What do you mean by aperture of a spherical lens ?										
15.	With the help of a neat diagram explain different terms related to spherical lenses.										

Answers Key

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1.	В	2.	А	3.	D	4.	В	5.	В	6.	А	7.	В
8.	А	9.	В	10.	А								