DPP NO. 3 TOPIC : LIGHT									
1.	Plane mirror is used in (A) Galvanometer Scal	: e (B) Microscope	(C) Telescope	(D) None of these					
2.	Which of the following (A) They form virtual im (C) Object size = Imag	statement is wrong for pla nages je size	ne mirrors. (B) They always form inverted images (D) None of these						
3.	Identify the wrong image formation :								
	(A) J ↓	(b) """"""""""""""""""""""""""""""""""""	(c)	(D) None of these					
4.	A ray of light coming along radius of curvature after reflection from concave mirror :(A) passes through focus(B) passes through centre of curvature(C) passes through F/2(D) can go in any direction								
5.	When image and object (A) real (C) may be real may be	ct are on the same side of e virtual	a concave mirror then nature of image will be : (B) virtual (D) nothing can be said						
6.	Which mirror cannot fo (A) Convex mirror (C) Both convex and co	rm a magnified image? oncave mirrors	(B) Plane mirror (D) Both (A) and (B) are correct						
7.	The angle of incidence (A) 0°	of a ray passing through (B) 90°	centre of curvature of a (C) 45°	spherical mirror is : (D) 180°					
8.	The mirror used by a dental surgeon is : (A) Plane (B) Convex		(C) Concave	(D) Any one of the above					
9.	When an object is mov (A) C to F	ved from C to F of a conca (B) C to infinity	ive mirror then its image (C) F to C	will move from : (D) C to 2C					
10.	As per New Cartesian Sign Convention : (A) Focal length of concave mirror is positive and that of convex mirror is negative (B) Focal length of both, convex and concave mirror is positive (C) Focal length of both, convex and concave mirror is negative (D) Focal length of concave mirror is negative and that of convex mirror is positive								
11.	Define principal focus for a concave mirror.								
12.	Draw the image of object AB shown in the figure below :								



13. Draw reflected rays and find the point of intersection of reflected rays.



- **14.** Explain the cause behind lateral inversion.
- **15.** Define real image and virtual images.

Answers Key

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