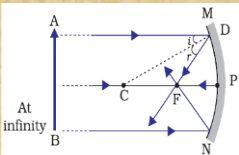


Chapter 10

REFLECTION AND REFRACTION

IMAGE FORMATION DUE TO SPHERICAL MIRROR / CONCAVE MIRROR:

Position of the Object	Position of the Image	Magnification & sign convex	Real Image / Virtual Image	Inverted Erecting	Ray diagram
At ∞ i.e., $u \gg 2f$	At focus $v = f$ & -ve	$M \ll 1$ And negative	Real	Inverted	
Beyond "C" $u > 2f$ $> R$	Between F^1 & C i.e., $V > F$ $V < R$ & $V < 2f$ / -ab	$M < 1$ Negative	Real	Inverted	