Uplical instructments - drigle of vision of human eye is 60. -> Min distance ble object & humaneye is 25cm to see object clearly. - Least distance of distinct wind (D) = 25cm - Fase point of eye = 00 (Large dulance); Simple microscope (Magnifying glan): Visitual, essect, enlarge image is formed. magnifying power (des angular magnification (M)(B)(m). D = dutin ct point of vivion Marily house (near point) > Compound miceescope. Objectiveleus Los = Votte Mb = 10 [HP Lo= Votue Asternomical telescope: the periode

(hormal adjustunt) " deste MD = -to [1+ te] Lo = totue = to + ted (Map megnification) > It Object & Image both are at Infinity then to 2 Ao Ae Ae Teresteval telescope: Mob = -to Lio = to+4+te (Normal adjustment) MD=to [HD] MD=tot.46 tue= to+46+ bet Myppia (&) Short-sightness -> 1000 at P=1/6= -1/F-P(m) Hypermetropia (8) longsight mention in the many mentions to 1 P2+16 - 10.25 - 1/N.P

Los = totte (hitu. magnification)