Eiman Amjad	n(A)
Physics	topical haid
anoli- Prove	v=7.9km/s
Fe= F-9  m/2 = m/9	10000 2 = 01 70
$V^{2} = Rg$ $V = Rg$	
By potting valuesi- V= 16.4 ×10°×	1.8 m5 , gR = 6.4 x10 m , we get
V= 16.4 ×106×0 V= 7.91	x103m/s 7.9 km/s
Qno 31- Show tha	E -intribute.
T-w = F According to newton's so $F=ma$	econd law 21
-w=m -ω=m -ω=m	1 a 201X & 5

IPM PAPERWORK

Qnosi find height r=R+h = 4.23 × 104 \_ 6400= = 4 2300 -6400 h = 35900 km h = 3600 0 km Ino 61-Given Datai-Diameter = S = 2.50m Divergence angle = 0 = 7 Distance = r = 3.8 V108m To finds 0-= 7 Solutioni 6.6×10-9rad

Question no 71-Given Datar Distance from Earth r= 3.85 x10 m To find 1-Solution !-Now Lo = Mur De Put values in right hand side

Ls = 2 (1.74 ×10°)

Lo S (3.85 ×10°) =0.081810-4