Scanned with CarnSC

3×108 m/5 5.17nm plasse glesse flight en 2 => S17nm = 340 mm In glass Ite light Exavels Slower Iter en vacoum and Ite waveleger is smaller. Juestion 2: Given da .. V= 1.94×10 m18 λn= 355 nm = 355×10° m

Scarineu with CamSo

To hind: lulion:-U= C = 3x10° m/s =

Scarified With CamSo

The solutionship between the work legel of light in air and in a guardy is For lyte we have - $\lambda = 355 \text{ nm}$ Therefore, we can find 2. 20 = n 2 = (1.55)(355 Gueslion 3:1 Digram:-ani 42: P5 na= 1.00 ab nb= 1.52.

Scarnieu with CamSo

Siven dollar Angle of rellestion- Angle of incidence Afte of reflection or 90-42.5 with gents refrection in en ender Sin 2b = nasin 2a = 3 1x Sin 42.5

Scarnied with CamSo