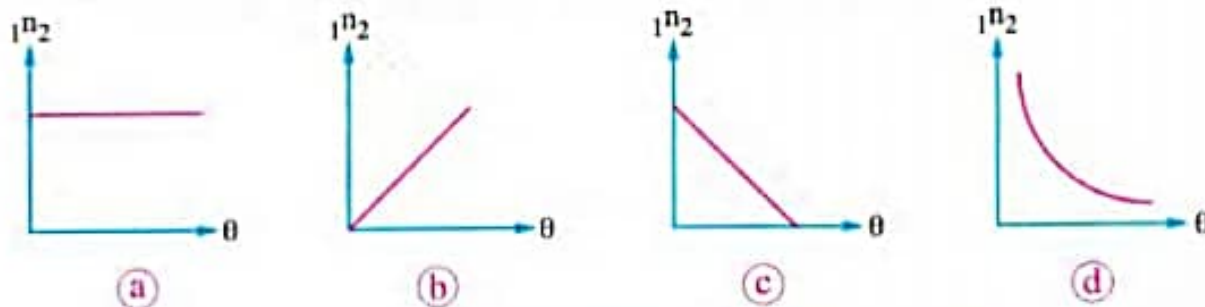
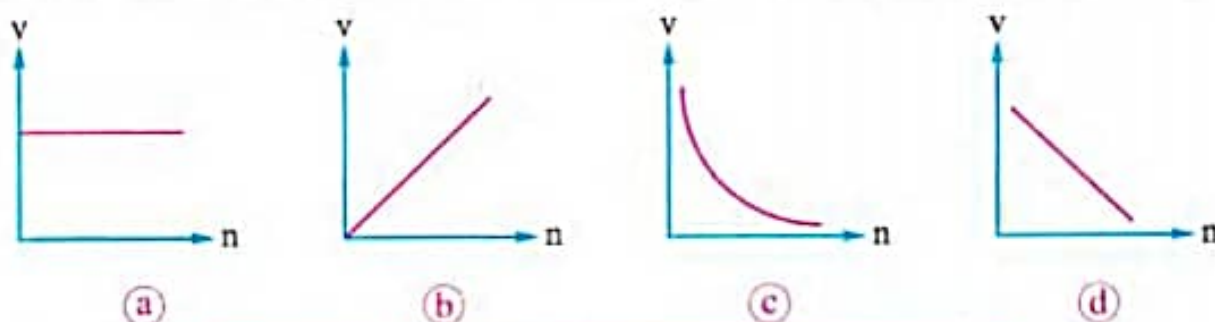


- 16 When the angle of incidence on the boundary surface between two media gets doubled, the relative refractive index between them .....
- (a) decreases to its half (b) gets doubled  
(c) remains constant (d) gets tripled

- 17 Which of the following graphs represents the relation between the relative refractive index between two media and the angle of refraction in one of them?



- 18 Which of the following graphs represents the variation of the speed of light ( $v$ ) through different materials versus the absolute refractive index ( $n$ ) for each of these materials?



- 19 When a light ray gets incident from air on water surface at an angle of incidence  $60^\circ$ , the angle of refraction will be .....
- (a) greater than  $60^\circ$  (b) less than  $60^\circ$  (c) equal to  $60^\circ$  (d) equal to  $0^\circ$

- 20 \* From the opposite figure, the values of the angle of reflection and the angle of refraction are ....., .....

	The angle of reflection	The angle of refraction
(a)	$38^\circ$	$68.38^\circ$
(b)	$52.88^\circ$	$38^\circ$
(c)	$28.38^\circ$	$38^\circ$
(d)	$38^\circ$	$52.88^\circ$

