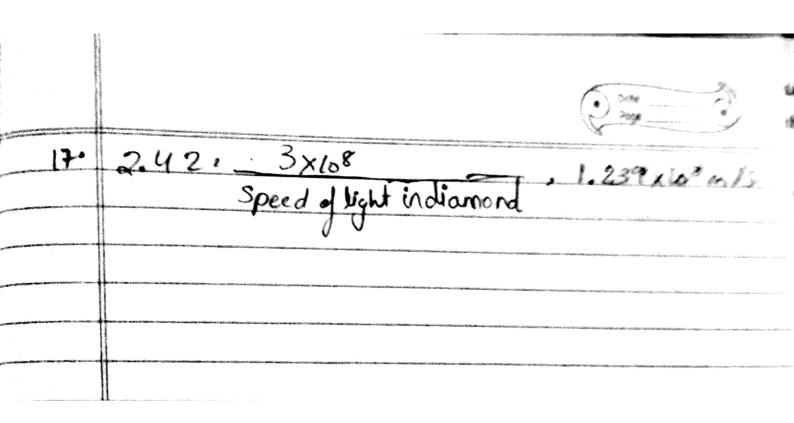
G. R. at new = 1 spend of light in vaccium = 3×10° Speed of light in filnt glann 1.68×10° 10 b) Novem ? 3x108 , 1.52 c) crade flint 2 1.97 x 108 2 1.059. 13: 07 ain 1, 8.0 × 108 m/s = 1.5 b) any 3.0 x 10 m/c = 1.2 2.50 x10 m/s 20.8 14- 1.2: 3000 Speede lightin medium 2 25000kmb Speed of lightinglan 2x108m/s 6. R.I in water : 3x108 , 1.33



10	The	tion in House CC			ti da Francisco		
19.	light is the	tive indices of formation in the	ne substances <i>P</i> , ne substance :	Q, $R$ and $S$ are	e 1.50, 1.36, 1.77	and 1.31 resp	pectively. The speed o
	(a) P	(b) Q	(c) R	(d) S			
20.	ngin rays p	Jass Holli all lill	o mese materiais	s, they refract	the maximum it	1 and 1.52 re	espectively. When the
	(a) materia	al A	(b) material	B	material C		(d) material D

	71. The refractive index of glass for light going from air to glass to air will be :		Ann
	(a) $\frac{1}{3}$ (b) $\frac{4}{5}$ (c) $\frac{4}{6}$	(d) $\frac{5}{2}$	
22.	22. The refractive indices of four media A, B, C and D are travelling in air is incident in these media at equal angle	e 1.44, 1.52, 1.65 an es, the angle of refr	d 1.36 respectively. When light action will be the minimum:
	(a) tin medium A (b) in medium B		(d) in medium D
23.	23. The speed of light in substance X is $1.25 \times 10^8$ m/s and t substance will be :	hat in air is $3 \times 10^8$ r	m/s. The refractive index of this
y y	(b) 2.4 - (b) 0.4	(c) 4.2	(d) 3.75
24.	24. The refractive indexes of four substances P, Q, R and S a travelling in air is incident on these substances at equal a in:	are 1.77, 1.50, 2.42 ar angles, the angle of	nd 1.31 respectively. When light refraction will be the maximum
	(a) substance P (b) substance Q (	(c) substance R	(d) substance S
25.	25. The refractive index of water is:	ng they as stored graph	
	(a) 1.33 (b) 1.50 (c) 2.42 (		
26.	26. The refractive index of water with respect to air is $\frac{4}{3}$ . The refractive index of water with respect to air is $\frac{4}{3}$ .	he refractive index o	of air with respect to water will
	be:	h 0.05	
	(4) 11/0	d) 0.25	1 22 1 42 1 52 2 4 1 62
27.	27. Refractive indices of water, sulphuric acid, glass and respectively. The light travels slowest in :		
	(a) sulphuric acid (b) glass (c) water	(d) carbon d	isulphide
28.	28. The refractive index of glass with respect to air is $\frac{3}{2}$ and	the refractive index	of water with respect to air is
	$\frac{4}{3}$ . The refractive index of glass with respect to water wi	ill be :	
	,	(d) 1.125	