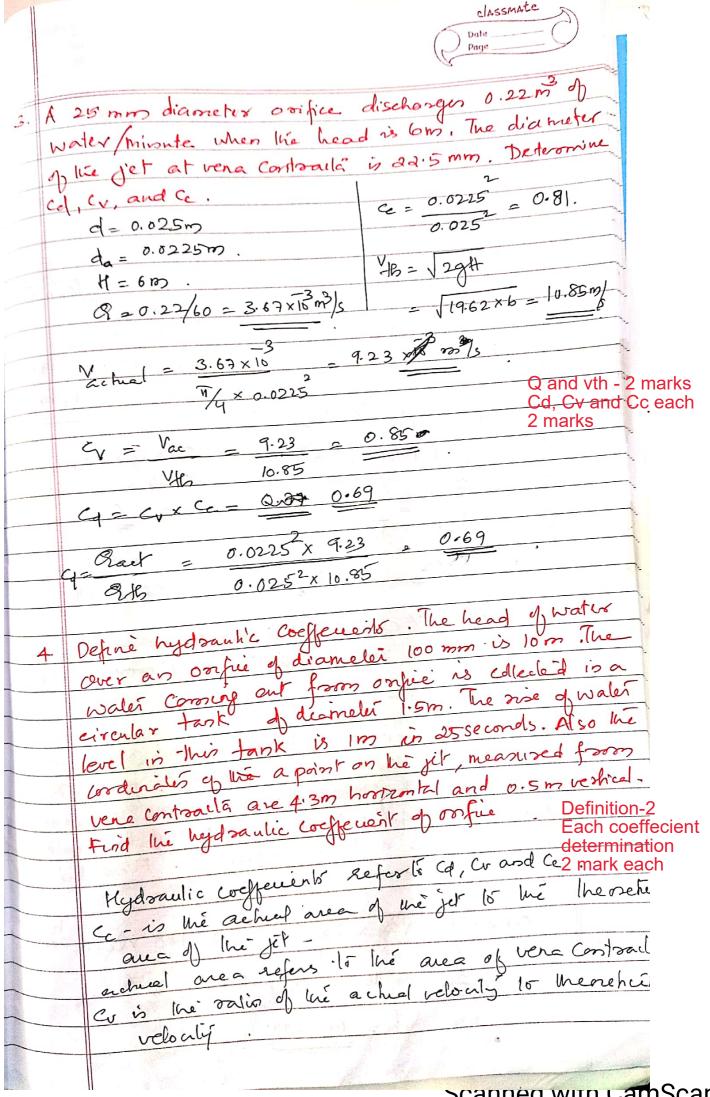
1) An internal month priece is said	to internal month piece is said to be ourning	
free if the length of the mon	15 piece is	
free if the length of the mon less than three times the dia	meter of the orfice	
	(1)	
2) A tank has two identical or	ifices in one of its	
vertical sides. The upper onfice	is 3.0m below the	
water Suface and lover ori	hie is 5.0 m below	
The water surface. If the value		
velocity for each onfice is 0.9	b find the point	
of intersection of the jets.		
	Sketch - 2 Equations -2	
& hemains the same.	Solutions -4	
y only changes.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
	1	
G= 2	1942	
Vygh	ght	
	+ 4	
$\alpha = \alpha$	74.7	
$4y \times 5 \sqrt{4 \times (y+2) \times 3}$	0.96 = 2	
	V12×5	
$or \sqrt{3y+6} = 1$	2c = 0.96 × √60	
J 59		
39+6 = 5y or 2y = 6	2c = 7:436 m -	
	,	
08 y = 3	21 X 2 . T.	
Point of intersection (7.44;3		
10101 of 1110 sections (1)		
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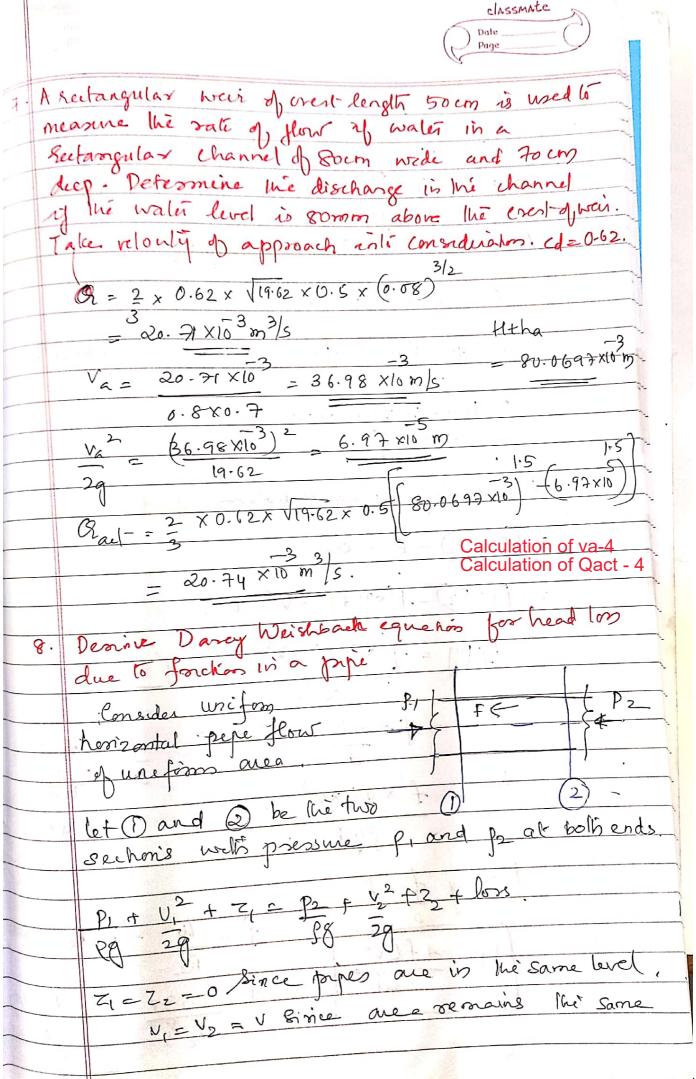
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Classmate

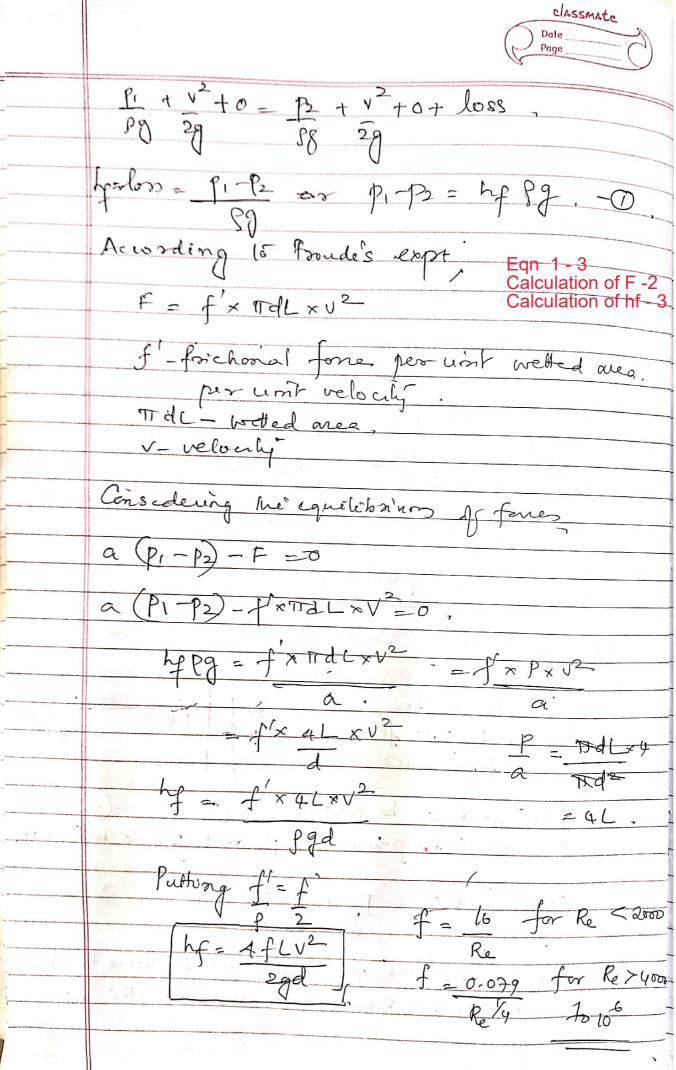
Date
Page

	Page
	es is the Ratio of actual discharge to theoretical
-	discharge.
all	Ed act a Vact . "act
	Sdb Vth x Adb.
	$ Cd = Cc \times Cv .$ $Cv = x = 4.3$ $\sqrt{4 \times 0.5 \times 10}$
	Vay11 V4x0.5 x10
	Sact = 1/ ×1.5 ×1
	25 3 3 V/B = \(\frac{29}{4} \) H = \(\sqrt{19.62 \times 10}\)
	$= \frac{ \gamma m _{5}}{2}$
	CO TT (× 4.1 × V)
	CP = T/4 x 0.12 x Vth Cp = Cx Cv.
	= 109.96 × 10 m/s Cd = Cc × 0.96
	A 1 =
	Cde gact = 70.69 Ce = 0.67
	9th 109.96 W- 0.96
	Cd = 0.64 Cd = 0.64
5.	The ratio of 16 errors in the discharge and percentage error in the measurement of head, over traingular
	essor is the measurement of head, over traingular
	notch is 5/2
	No. 10 August 1997
6.	halei flows over a keetanguler weis 1.0m mide
	at a depth of 150 mm and afterwards passes through
	a toriangular sight angled wein to king configurent
	d discharge 1 m 1 m framlar and transular
	breis as 0.62 and 0.50
	a toriangular sight angled weir, taking coeffecient of discharge for the rectangular and toriangular weir as 0.62 and 0.59-sespectively. Find the depth of waln over the trorangular weir.
	that over the trotangular weir.
7	0.62 × 2 × √29 × 1 × (0.15) = 0.59 × 8 × √29. (0.45)
8	3 -3 5 56
	$24.01 \times 10 = 31467 \times 16 \times $
	h = 0.357m discharge for both - 4
	11 = U1 25 tm

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