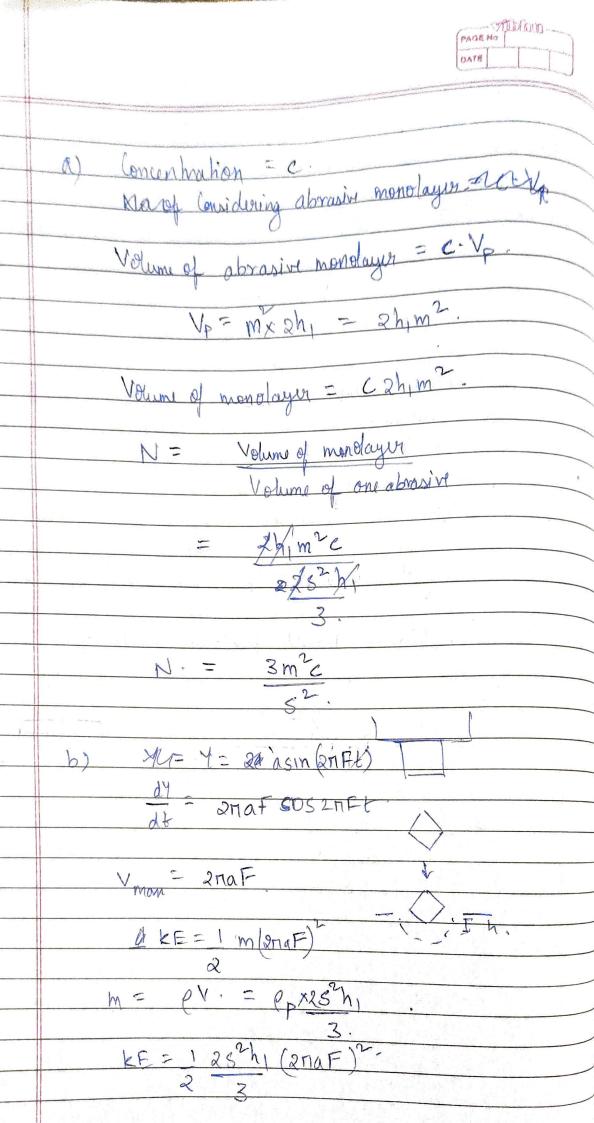


NAMEL NAME: ANKIT COMA ROLL NO: 19 010 3109 MIDSEM MF 688. 1) Workpiece strongth = ow Concentration = c. Semi angle = B = 450. length of abrasirs edges = 5. haight = 1/2 5/2 Volume = 5th, Density of abstasives = fp. Assumption: - Britle fraction and temisphonical



PARIS NO. B Work done = 1 th KE 2 2 2 h (200 F) h = 28° h (2 maF) 2'

h = 28° h (2 maF) 2'

3

h = 28° h (2 maF) 2' 1= 00 TId 4. 1= 00 TI h 2 [ Story 4:8 5 + 1.8] 2 hi h = 852h, (2naF) 3 5w 7 h 2 [5, + 1.8] 2. h3 = 8 52 h, (2 maF)2 30 w 1 (5 +1.8) 23 52 h, 4 n a 2 F 2 30 m M (S + 1.8) 2. h1 - LOWING SINGSO.  $h_1 = 1$   $h = 23 | 5^2 S \times 4 \pi a^2 F^2$   $S = \sqrt{2} \cdot \sqrt{2} \times 30 \cdot (\sqrt{2} + 1.8)^2$   $h_1 = S/\sqrt{2}$ h=25 (4na2+2) 3.

MER a NVPF MRR = nNVpF = n 3m2e x Md2 5,2 4. h is already distind

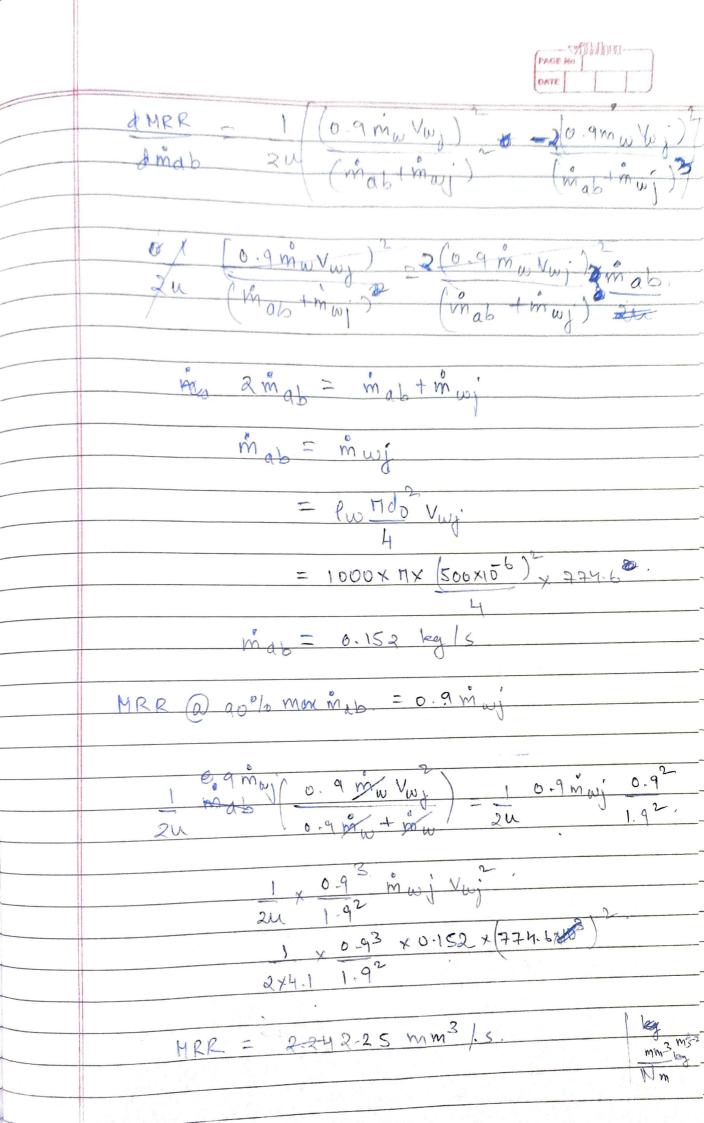
PAGE NO STORY ou - hot hw Jon hy = hw+h+. NM hn hw [ s + 1.8] NM (hwthr) hw [5 +1.8] NA (1+ hr) = (5+188 1 6 5 5 h VET hw = . = n 3m<sup>2</sup>e x 11 hw ( \( \sigma \ta + 1.8 \) F

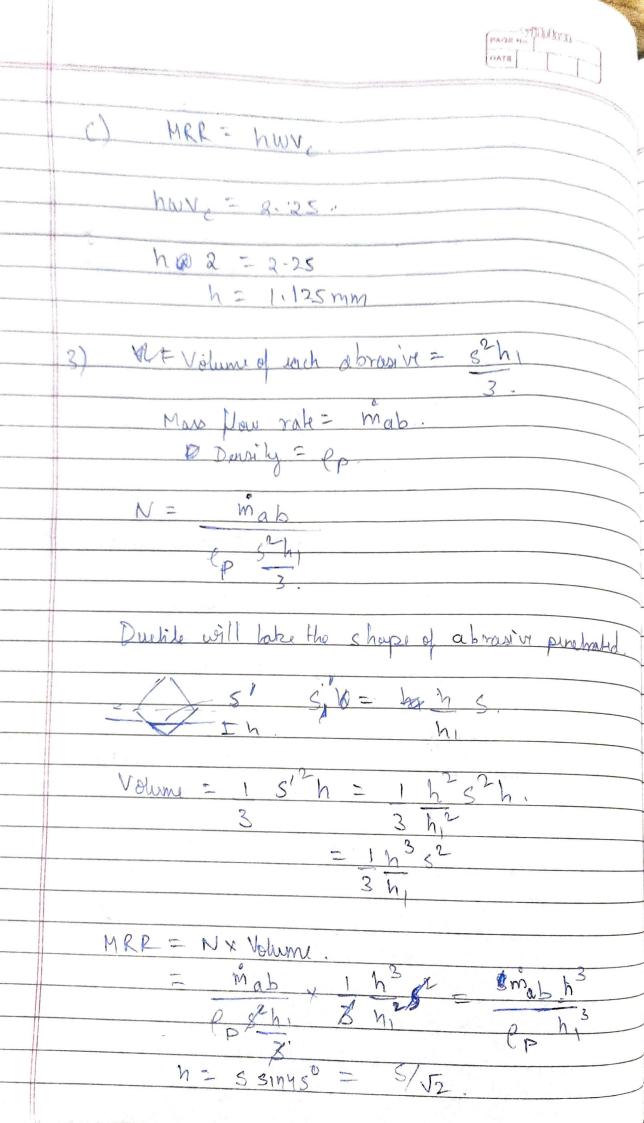


U=4.13/mm3 Ph = 60 box = box los Par 6+ N/mm2 A piston = 50. do = 500 ym 1 = 0.9 PhAn = PAIAI Ph AH = PE .6 x 50 = Pr = 300 N/mm2. V. By applying Bear noulli's equation Pw + Lever + egh; - eghz + 1 curiv with Pat VW & < No Vuj Pw = 1 Pa Vwj 2Pw = Vwj = | 2x300 = mampon/s Ow = Pw AwV.

Marjord Valor By conservation of momentum Mas Very + mas Var - mas Vary + Mas Vary mo Vy tain = (mab + mw) Vany mu Vaij Vang mah + mw But those is 10% loss in momentum 0-9 x mw Vwj = Vany mab + ma = 1 mab × 0.9 x m w Vwj

2 mab + mw 14 sha mw= eow= ew ndo Vw; = 1 mab x/0.9 pw ndo Vwy 1 H (mab + Pwndo Vinj) MRR - 1 Power = 1 mab ( b.9 m w Vaij 2 u mab 1 mab 1 moj







$\frac{MRR=mab}{\rho_1 \leq 3} \frac{h^3 2\sqrt{2}}{2}$
P 6 3 3
4) Maskant
4) H
a) (-II) workproce
d = etch factor
T
T= #15 mm.
Wd = 40mm
$d = 0.01 \times 9 = 0.09$
T .
d= 0.09×15= 1.85mm.
width to removed = 40-2×1.35= 37.3 mm.
5) + Abrasi In Abrasive PAU
machining gradual nuchanical.
abrasion because of abrasia in
the slurery prince perform A
Surface finishing.
TH's Hard Sand Hand
the shot and be cause of variable
the short and to cause of the house of
area as shown, the welvery changes ]
and the provides a gradual multipoint finishing.
and the fourth in the state of

Commence of the second
b) As the file travers we rate in retail him
Quality seedless as a proper surface finish when trave
tions be give a proper surface finish when how is the quality improves as there is
more time to gare a proper timish.
Lord and the contract of the c
high speed low speed.
kert guality at high however and

paint He