Jul Sheet-01 R2452 8-1 N= 500 dm=0.25m 9=700mm2 = 700 x 15 6 m2 $\phi = 2$ V=6V 4, 200 550 10. n2 \$=NI I= Y = 6 = 3 = 3 S= 1m Motha In= Ton = 0:785 S= 0.78S S= 0.0185 ARKIOT (0.785) X7 X 10 8 m2 12.56 X 10 7 (0.785) 550) X7 = 0.785 = 0.785 48356 x 10-8 x 10-8 1.62 x10-5 BZAH \$ = Holy NI \$ = Holly NIa 4x3.14x10-7 (550) (500) 3 x7x10-8 36267000 x10 0.785 462 × 106 = 462,000,000

Date a=12 cm2 I=2A =12x10-1 m2 Nalob dm =30 cm -14x10 + x1000 x 200 x 2 x 12x 10 x 32-My = 1000 Pallolly VIg =60,288,000 x103 =640,000 ×103 264 X 107 a=15x20 mm2 = 300 X10 - 6 2 8-3-1m=18cm 2(8x102 m Mrs 240. N=300 (i) H=2 (ii) B=? (iv) p=? 18 x 10-2 = 11.66 x 10 8 300 x 0,7 H= NI 18 x 10-2 B= M4 = 940 x 11.66 = 10960.4 x 102 T - 1 = 18x10² Nolyna 4x3.18v1.7 S= P 4x3.14x107 (990) x300 x106 18×10-2+ - 5.08 3541920 x 10' 0.000005 x10 =508×10

120960.4 x102. 300x106 (9V) \$ = B. a 73285.90 358 XX5 6 911 X 15 4 Wb 04dm = locm 210 x10 2 m N22000 I 20.25A 3 = 0.4 T is 1/22 (in Un 22 l= rdm (1) M2 NE . 2000 X 0.25 = 500 = 31.4 × 10-2

1 31.4 × 10-2

31.4 × 10-2 >15.92 ×10-2 B-UH = HOUNH , 11, 15,92 4162 Mo = B 15/92/4/6 0.4 4x3.19 x 167 X15.99 x 162 200.3069 x 16 = 6.00199 X105 1.99 × 108