## [120BM0014]

Assignment -2

1) 12 = 2 y - y - 1 Shem strong = 1 = 1 = 19 14 - 2 = 3 - 2 y - 2 - 2 y - 2 - 2 y

17.26 - 5.7535 Nm2

at y= 0.150

7 - 8.63 ( 3 - 2×0.15n)

2) T= Holy

H=61 No/m2, U= 0.4m/s; 4-0.15 Mo m

Arts 1-5 mm2

dy = 4 - 0-4 ×103 = 2-67 ×103 ≈ -267 51

T=0.1×267 = 267 N/m2 F= 267 +1.5 = 40018N P= FXU - 110=2100 16.02 W dy = 0.025 mm

Velocity = 60 cm/e = 0.6 m/e

Force = 2 N/m² = T

du = 4-0 × 0.6 m/e

dy = 0.026 × 10<sup>-3</sup> m

p = 7

du = 4-0 × 0.6 m/e

= 8-33 × 10<sup>-9</sup> poise

4) T = H × 3Y t = 1.25 cm = 0.0125 m H N = 2.5 m/s T = N × 3Y = 9 T = N × 5Y 3y = 2.5 m/s 7 = 1 × 3Y = 9 T = N × 5Y 3y = 2.5 m/s