Brief Introduction to Gardhis Atm. -> mass of the utm air. -> Chemical Composition of atm air Structure of atm > Vertical [ promue, -lemperature deusity]. Corbon Senjuentration -> Corbon Cycle. Sbiosphere 7 CRonoual of Carbon 0600 Kron atm)

-> Mass of the orth air. (1) Weight of Unit Vol of air. P = P 9 - (1)

If the globally any Surface Premise is 9.85 × 104 Pa & rading of the I pa= 1 kg | Carth is 6.37 x10 m Estimate the man of the atm air. M--- S & 2. Ps = M.

1.004XIU # 9/M

1.004X10 X 4 TR L

- 5-12 X 10 109

Chemical Composition of Atm oit. Vol Conc (iv.) Mod Wt (alma) Conshrent 78.1 1/12 380 Pm 1.26 PPm

Based on the Chemical Composition table, Estimate the Mol Wit. of atm aws. (0.781x28)+(0.201x32)+(40x0.009) 28.92 g/mst.

Convert the Volumetric analysis of the Chemical Composition —> gravinetric (in terms of more)

 $N_2 = \frac{28 \times 78!}{28.92} = 75.6.7.$ 

7. - 23.12-/.

A. 24.

Po (10.39) r.tm ain.

7-4 Z-H
Po

Scale

Neight.

P-Poe 0- 4-5Wing depoth.

Robornable workshops > 11, 12, 13, 14) 7:00-9:00 pm