Name: Mohammed Mahmudur Rahman JD# 1520386043. Answer to question No:1(a). e Orbitals is place where electrons are grouped in & spends 690% to 95% of litin time. figure!d x2-y2 M 1) Moder in the grantitus (to stole take in a chemical Answer la question No. 1 (b) Lewis estructure: Lieurs Structure in a simplified representation of the valence shell electrons in a modecule. It is used to show how the electrons are arranged around individual atoms in a molecule. figure! No2-Lewis structure. figure! N the number of molo pour

Answer to question No: 2(a).
for 3p subshell:

n=3.

1 = 1.

m, = -1,0,+1

Answer to question NO! 2(b)

1 Mole that	+ 1 8x 6 41822
	Molecule.
Mode is the quentity of anything that has the same number of atoms present in 129 of 120 co inbtope. (129 of 120 co inbtope. (129 of 120 co inbtope.	O Molecule in a chemical expecien that in formed due to a combination of several atoms through chemical bonding. O used to name a combination of several atoms are a combination of several
	atomo. (1) Number of molecules can be measured as the number of mol's present

mole = 25.6 60 = 0.427 mole 111 010 nomber of molecule, n: N. = 0.427 × 6.02 × 183 = 2.57 x10²³ molecule 1 molecule contains 4 hydrogen atoms. -. 2.57x1023 (4x2.57x10x1023) & H atom. 2012 2012 of woodness of the alone of