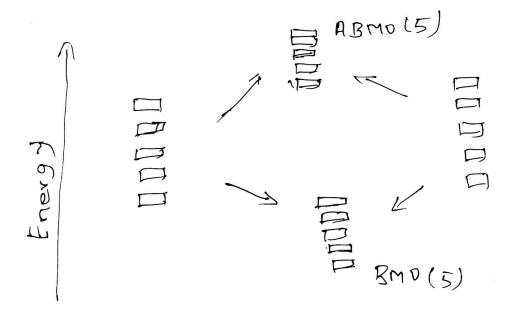


If 10 atoms of 'H'



Hence N atomic Orbitals -> 7/2 BMO
N/2 ABMU

2

For instance, 100 AD - Hatom

100A0'

= 50 ABMD

== 50 BMO } Band

Number of electrons

15' 100×1 =100 €

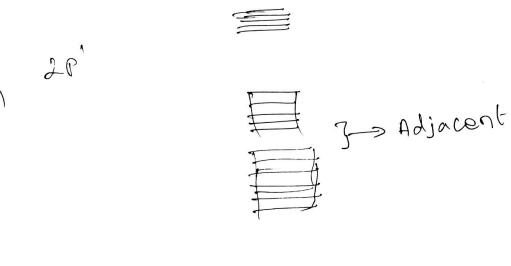
Filled Valency Band (50×2=100e)

Empty Conduction Band

I- group Li & Na

 $Li - 15^2 25' 2P'$ $Na - 15^2 25^2 2P^b 35' 3P^0$

Li-100 Atoms



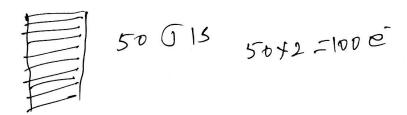
25'
(100e)

3 -> over lapped

500*15

15 (200e)

FNEPKY

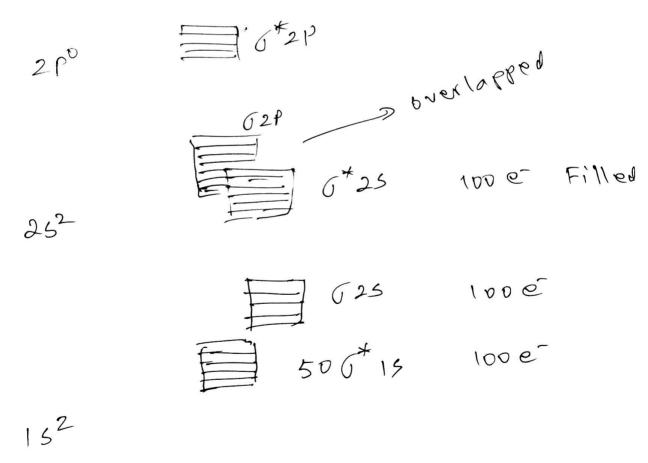


Be and Mg

Be
$$-15^2 25^2 20^{\circ}$$

.Mg $-15^2 25^2 20^{\circ}$

100 Hours



200€