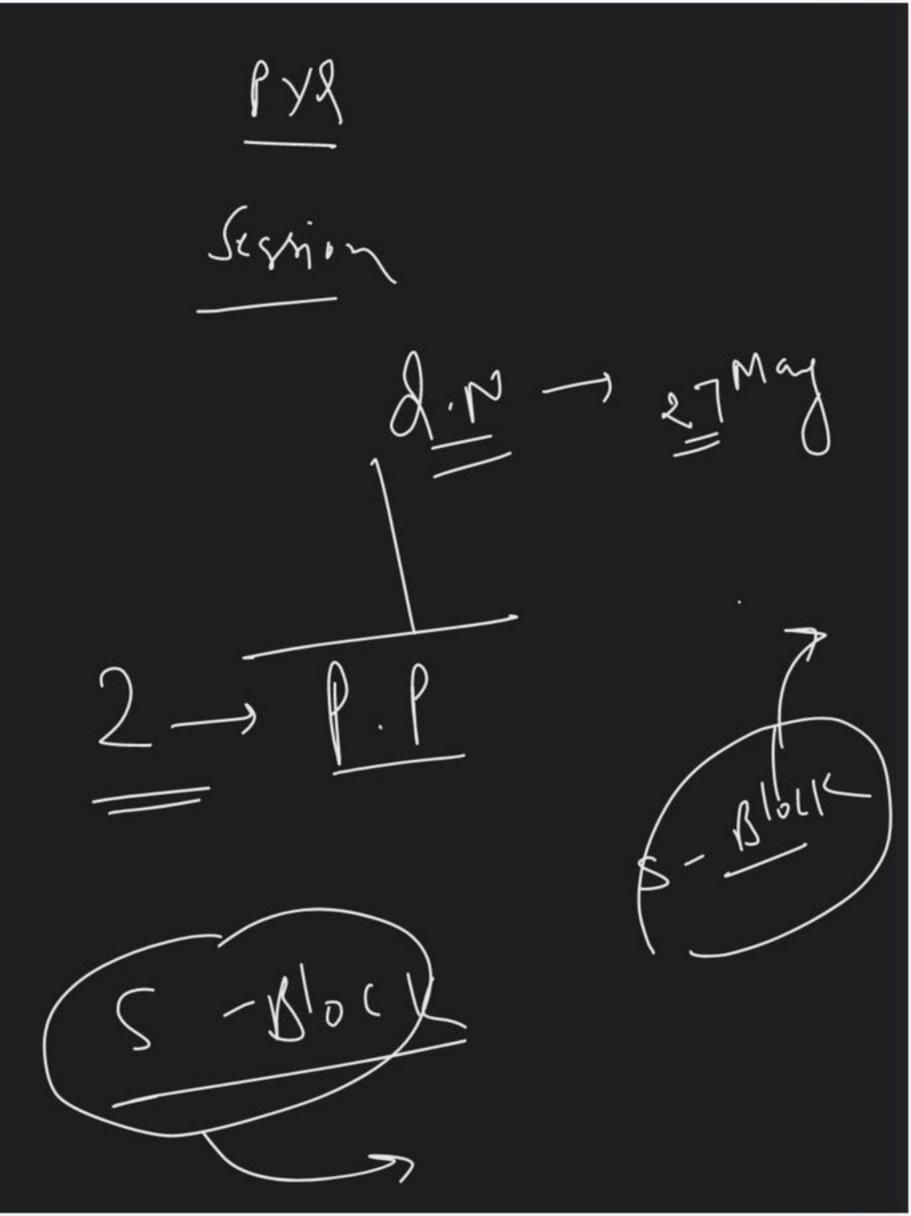


Nurture: Course on Inorganic Chemistry for Class 11

Per veek test & vij

+ daily bre work example hope AMA sumin PAR Ctica Quill

74-7 EX-7 - AIR - I Notes Dr Lric Jh6~>



JE £ 2009 The Compound (s) formed in exass our island Woon Combustion of Na Metal (3) Naoh M N2 02 (B) N20 (C) N 102 Nq + 2 - 1 N30 - (xus) - (xu

15 am NaH 2011 JE F Mains (Xample grale. (1) metallic hydride (d-f Block) Schine hydride mole oular hydride (h) EleC+Man prich hydride (- Block) S-Block

The metal that forms orithide by treating 2019

directly with N2 of air is

(4) (5) (5) (7) Rb

(4) K

reaction with lig. NI

(alkali Hetal)

Metal)  $\left[\frac{1}{2}\left(N^{2}\right)X\right]+\left(\frac{1}{2}\left(N^{2}\right)^{2}\right)$ 

ammoniated e -Blue Cofour

Sodium metal or dissolution in lig. Ny gives a deep Blue solution due to the formation of on (G) [ammoniated electrons] (b) soda amide (c) sodium-ion ammonia complex (A) Sodiym - zmmo nia lomplex

JE F. Advancy and Highly pure dilute solution of sodium in lig, Ny (d) Produce tydrogen grs Shows blue Cohon of Produce sodium amide

In Standing this solutions amide solution 1 mal & come 1. basted Nh -7 Nh Lh (Gmite) Fe Zn 1 (Catalydic impurities) if Catalytic impurities are absent then solution become stable.

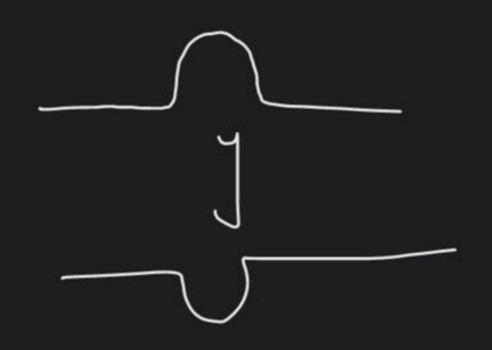
S-Block - all clement can from such type of soldin with lig. Nh Be and mg - can hot -> dre to then high I.E but

 $M \longrightarrow M^{+} + e^{\Theta} \left( \sigma \times A \rightarrow b \right)$ (R·A) Reducing agent (b xid ising agent) Precess) heduction] (O .A)



X - Paramagnetic

Species Which have un poirred e ave Celled pranguetic



Diamognetic