

NEET HYDROGEN — HYDRIDES — PYQS

Max. Marks: 16

Questions: 4

Section A (MCQ) — 4 questions

Q.1 Match List-I with List-II.

List-I (Hydrides)		List-II (Nature)	
a.	MgH ₂	i.	Electron precise
b.	GeH ₄	ii.	Electron deficient
c.	B ₂ H ₆	iii.	Electron rich
d.	HF	iv.	Ionic

Choose the correct answer from the options given below: [NEET (UG) 2022]

- (1) (a)-(iv), (b)-(i), (c)-(ii), (d)-(iii)
 (2) (a)-(iii), (b)-(i), (c)-(ii), (d)-(iv)
 (3) (a)-(i), (b)-(ii), (c)-(iv), (d)-(iii)
 (4) (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)

Scan or tap for the
full solution



Q.2 Match the following and identify the correct option.

[NEET (UG) 2020]

List-I		List-II	
a.	CO(g) + H ₂ (g)	i.	Mg(HCO ₃) ₂ + Ca(HCO ₃) ₂
b.	Temporary hardness of water	ii.	An electron deficient hydride
c.	B ₂ H ₆	iii.	Synthesis gas
d.	H ₂ O ₂	iv.	Non-planar structure

- (1) (a)-(iii), (b)-(ii), (c)-(i), (d)-(iv)
 (2) (a)-(iii), (b)-(iv), (c)-(ii), (d)-(i)
 (3) (a)-(i), (b)-(iii), (c)-(ii), (d)-(iv)
 (4) (a)-(iii), (b)-(i), (c)-(ii), (d)-(iv)

Scan or tap for the
full solution

Q.3 Among CaH₂, BeH₂, BaH₂, the order of ionic character is [NEET 2018]

- (1) BeH₂ < CaH₂ < BaH₂ (2) CaH₂ < BeH₂ < BaH₂
 (3) BeH₂ < BaH₂ < CaH₂ (4) BaH₂ < BeH₂ < CaH₂

Scan or tap for the
full solution



Q.4 Which one of the following molecular hydrides acts as a Lewis acid? [AIPMT 2010 (Prelims)]

- (1) NH₃ (2) H₂O (3) B₂H₆ (4) CH₄

Scan or tap for the
full solution



ANSWER KEY

Ques.	1	2	3	4										
Ans.	1	4	1	3										