Chemistry Formula Sheet

Chapter by chapter, topic by topic. Written by the PadhoNa team for quick revision.

Unlock the full PadhoNa Test Series
Every chapter-wise JEE Main test on the real exam screen, with full solutions and automatic analysis. Plans from ₹99 a month.
padhona.com/go/test-series →

CHAPTER 10

Hydrogen

Hydrogen peroxide

VOLUME STRENGTH

$$\text{volume strength} = 11.2 \times M = 5.6 \times N$$

$$2H_2O_2 \rightarrow 2H_2O + O_2; \qquad \text{acts as oxidant and reductant}$$

Hydrides and water

HARDNESS

$$\text{temporary: } Ca/Mg(HCO_3)_2 \text{ (removed by boiling)}; \qquad \text{permanent: chlorides / sulphates}$$

HYDRIDES

$$\text{ionic (s-block), covalent (p-block), metallic / interstitial (d, f)}$$

Unlock the full PadhoNa Test Series
Every chapter-wise JEE Main test on the real exam screen, with full solutions and automatic analysis. Plans from ₹99 a month.
padhona.com/go/test-series →

Keep going with PadhoNa

Unlock the full PadhoNa Test Series

Every chapter-wise JEE Main test on the real exam screen, with full solutions and automatic analysis. Plans from ₹99 a month.

padhona.com/go/test-series →

PadhoNa Pro Chemistry notes

Complete, exam-focused Chemistry notes by the PadhoNa team: ₹99 for a year.

padhona.com/go/notes/chemistry →

Physics, Chemistry and Maths notes together

PadhoNa Pro · JEE: all three subjects for ₹249 a year, for JEE Main and Advanced.

padhona.com/go/pro →

© PadhoNa · padhona.com · This sheet is for personal study.