# DPM CLASSES

6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

**TEST - PAPER (CBSE/NCERT)** 

#### P – BLOCK ELEMENTS

**SESSION -2024-25** 

CLASS - 12th

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ALSO, BASIC CONCEPTS CLASSES IN SUMMER VACATION Apr, May & Jun (Every Year)

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Time: 1hr -! P-Block Elements: - mm!

B. 1. In the preparation of H2SO4 by contact.
Process, why is So3 not absorbed directly in
water to form H2SO4?

O. 2. Write a balanced chemical equation for the reaction showing catalytic Oxidation of NH3 by atmospheric oxygen.

Q.3. Write the structure of pyrophosphesic acid.

10.4. PH3 forms bubbles when passed slowely in water but NH3 dissolves. Explain why ?

81.5. Why is nitric oxide paramagnetic in gaseous state but the solid obtained on Cooling it is diamagnetic?

D. 6. Out of H20 and H25, which one has higher bond angle and why ?

Q.7. SFE is known but Scle is not. Why?

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8.8. Explain why ozone is thermodynamically less stable than oxygen?

O.9. Name three oxoacids of nitrogen. Write the disproportionation reaction of That oxoacid of nitrogen in which nitrogen is in +3 oxidation state.

B.10. phosphorus forms a number of exacids.

out of these executed. Phosphinic acid has

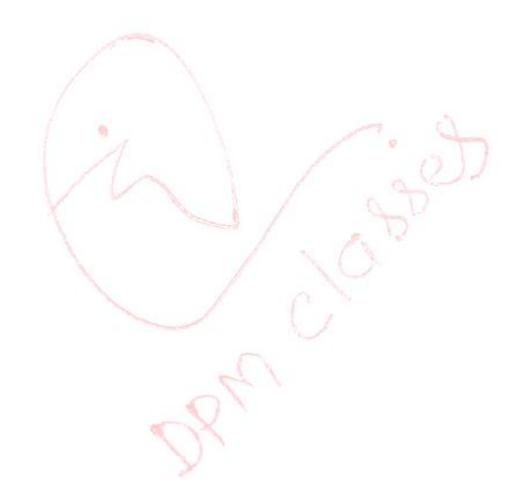
strong reducing property. Write its structure

and also write a reaction showing its reducing

behaviour.



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