

India's Number 1 Education App

CHEMISTRY

BOOKS - VGS PUBLICATION-BRILLIANT

MODEL PAPER 7



1. State Henry's law.

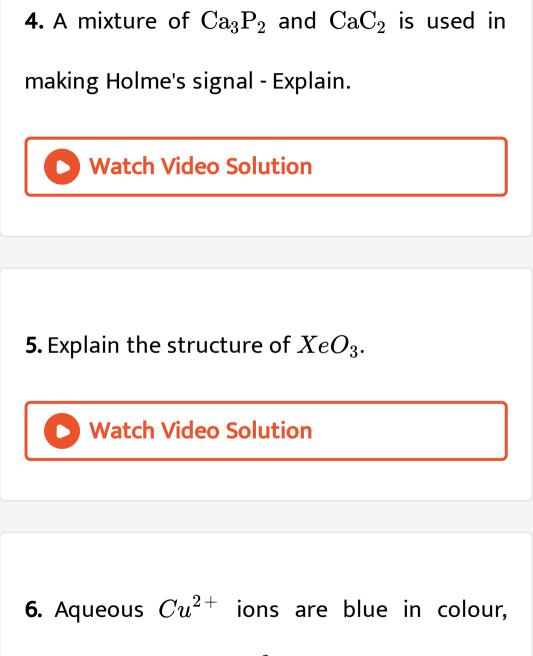
2. What are pseudo first order reactions ? Give

one example.

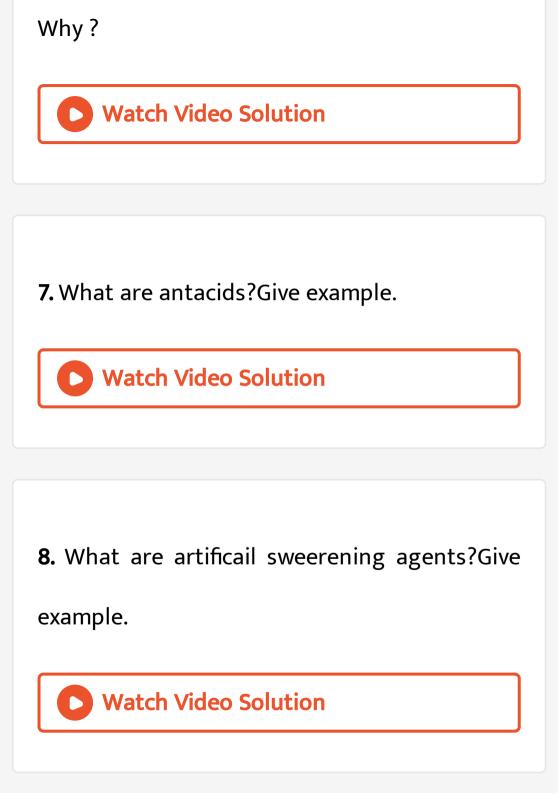
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3. What is the role of cryolite in the metallurgy

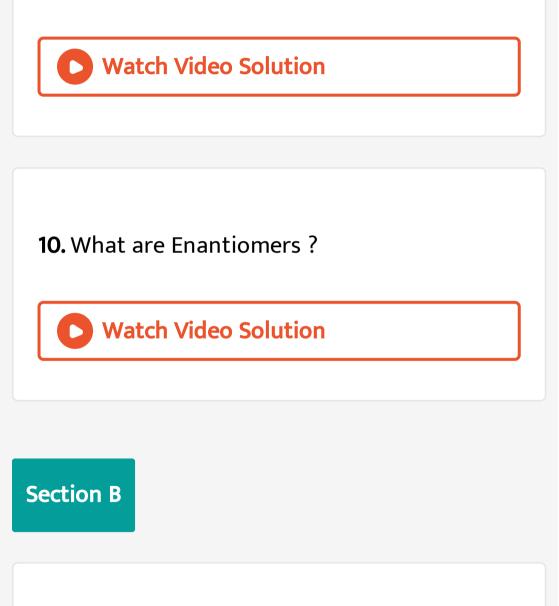
of aluminium?



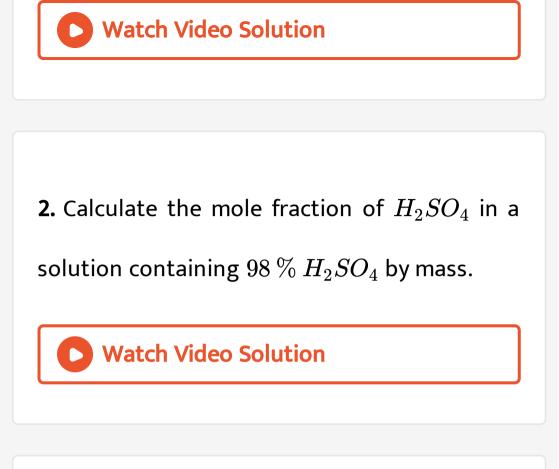
where as Aqueous Zn^{2+} ions are colourless.



9. What are ambident nucleophiles ?



1. Derive Bragg's equation .



3. What is catalysis ? How is catalysis classified

? Give two examples for each type of catalysis.

4. Give examples to differentiate roasting and calcination. Watch Video Solution **5.** Explain ionic bond with suitable example. Watch Video Solution

6. Write the names and structures of the monomers of the following polymers.

i)Buna -S ii)Buna -N iii) Dacron iv)Neoprene



7. What are Hormones ? Give one example for

each.

- i) Steroid Hormones
- ii) Polypeptide Hormones
- iii) Amino Acid derivatives.



8. What are Hormones ? Give one example for

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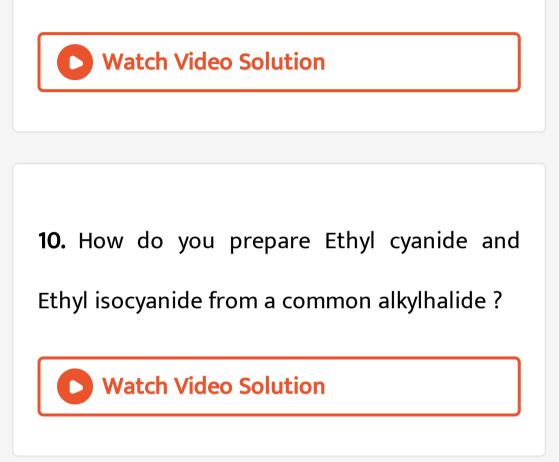
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1. State and explain Kohlrausch's law of indendent migration of ions.

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2. What is "molecularity" of a reaction ? How is it different from the 'order' of a reaction? Name one bimolecular and one trimolecular gaseous reactions.

3. How is ozone prepared ? How does it react

with the following ?

PbS

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4. How is ozone prepared ? How does it react

with the following ?

ΚI

5. How is ozone prepared ? How does it react

with the following ?

Hg

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6. How is ozone prepared ? How does it react

with the following ?

Ag

7. How can you prepare Cl_2 from HCl and HCl

from Cl_2 ? Write the reactions.

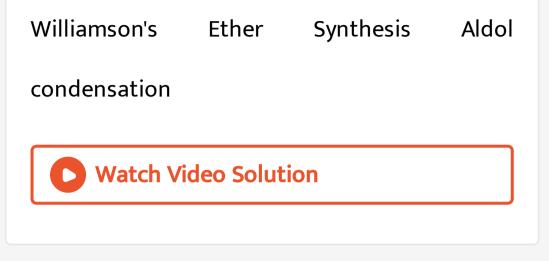


8. Write the equations involved in the following reactions:

(i) Reimer - Tiemann reaction (ii) Kolbe's

reaction

9. Explain the following reactions.



10. Discuss aldol condensation.

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11. Describe the Decarboxylation .



