



Cosmo School

Class-10
Chemistry

Revision: based on test paper & board questions

Chapter-11

Date-29.09.2020

All Board 2018

1)

X	Y
C_nH_{2n}	C_nH_{2n+2}

- What is ore?
- Pb metal extraction is a reduction process—Explain.
- X compound in the stem is an unsaturated hydrocarbon—how will you prove this? Explain with equations.
- Y compound in the stem can produce alcohol—analyze.

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2)

X

Y

Alkane [C=1]

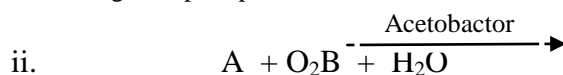
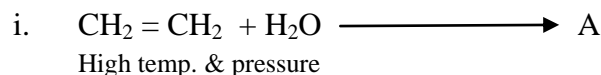
Aldehyde [C=1]

- What is coke?
- Explain which is less flammable between ethane and ethene.
- Explain with equations how to produce Y from X.
- Y is really important in different uses. But it is really harmful to our health. Evaluate.

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3) Observe the following reaction :

H_3PO_4

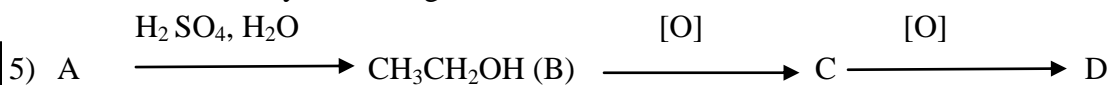


- What is the monomer of melamine polymer?
- Why do the cakes rise up during making?
- Explain the preparation of ethane gas with reactions from 'A'.
- CCl_4 can be prepared from 'B' – analyze with reactions.

Pabna Cadet
College, Pabna
2020

4) i) C_2H_4 ii) PVC iii) Nylon 6:6

- What is functional group?
- Why alkanes are known as paraffin?
- How can you identify (i) with suitable reagent?
- The reactions of preparation methods of (i) and (ii) are same type reaction but identical analyze with logic.



- What is alkyl group?
- “Graphite conduct electricity but diamond doesn’t conduct”-Explain why?
- Complete above stem with their name in IUPAC system.
- How can you synthesis methane from D? Give the reactions that involved during synthesis.