

(Blue Book)



IOC

OC

matng

phym

matng

phym

PC

Welcome

Class 11th

to Apni kaksha



LIVE



Basic Organic Chemistry

chemistry — Organic chemistry (SKM Sir)
Inorganic chemistry (VJ Sir)
Physical chemistry (AKK Sir)

11th class OC syllabus:

- (1) Ultra Basic Organic chemistry
- (2) Basic Organic chemistry (UBOC)
- (3) Nomenclature (IUPAC)

Basic Organic Chemistry

- (4) General Organic chemistry (GOC)
- (5) Structural isomerism

For 11th HydroCarbon

IIT JEE Mains & Advanced
HydroCarbon 12th class

In OC

Basic Organic Chemistry



Problems (HW)



~~Separate~~
Copy

Basic Organic Chemistry



NO VOC

Basic Organic Chemistry

Initially it was believed that Organic compounds
Never can be obtained in laboratory. They are
obtained in living organisms.

Organic compounds are synthesized in flame
of vital force theory.

Basic Organic Chemistry

"Wholax" was trying to obtain Ammonium cyanate (inorganic compound) by using Ammonium sulphate & potassium

cyanate.



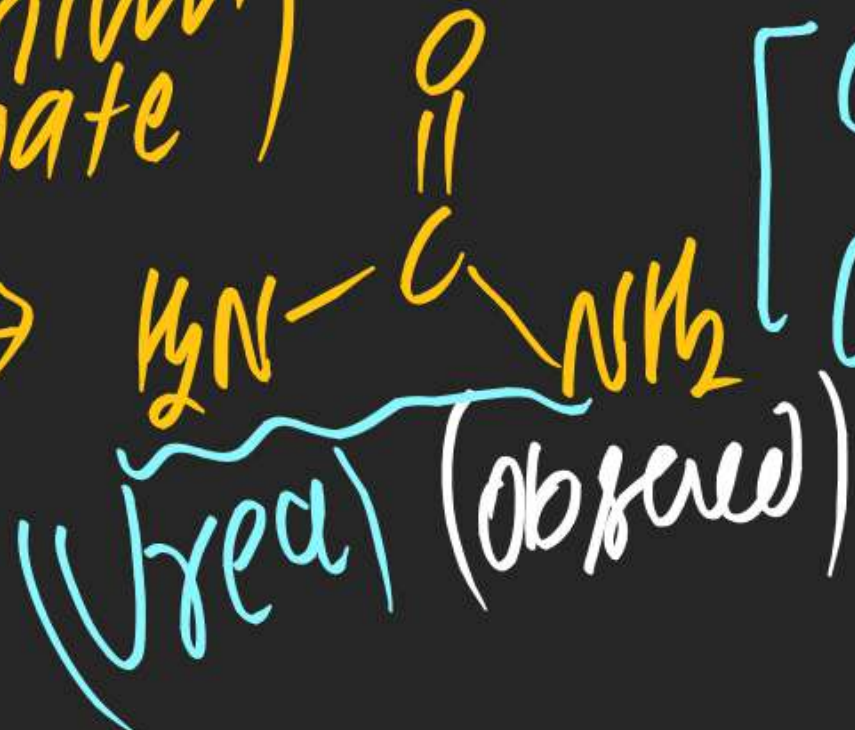
(Expected)



(Ammonium cyanate)

NH₄CNO
Expected

Reagent



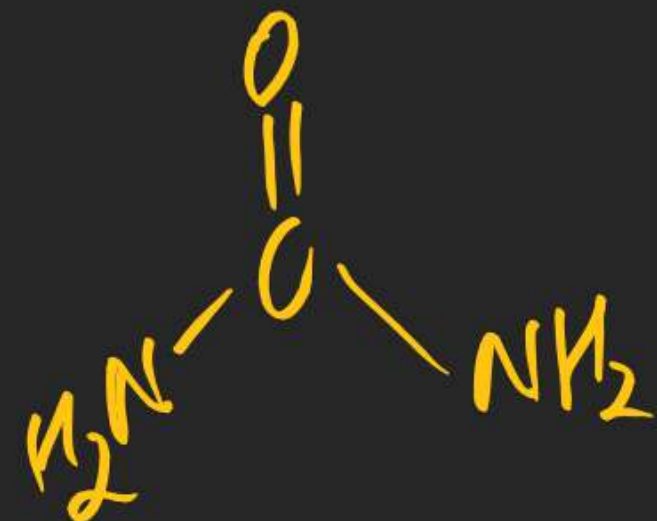
[organic compound]

Basic Organic Chemistry

Experiment proves that

(a) Organic compound can be obtained in laboratory.

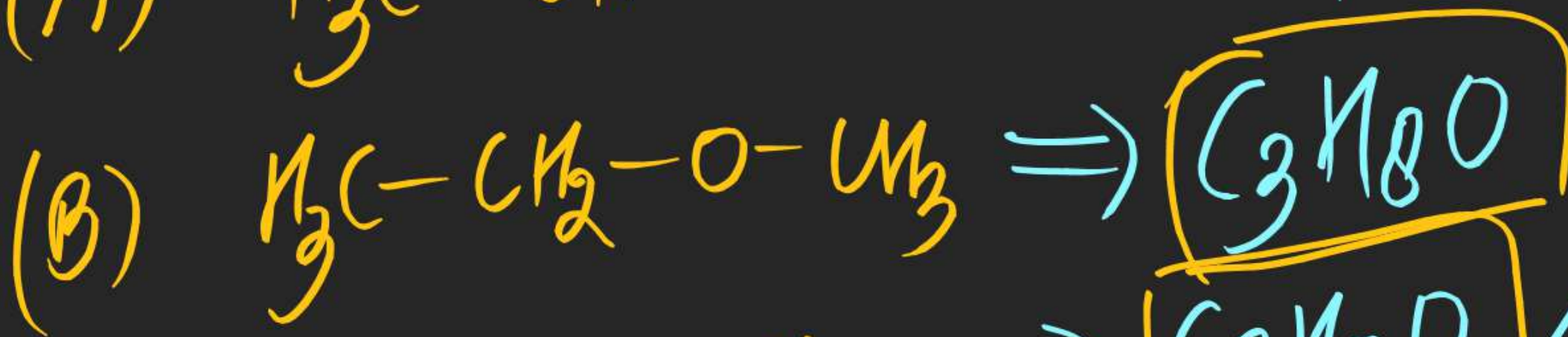
(b) phenomenon of isomerism



Isomers

Basic Organic Chemistry

Ex-2: which of the following is a Isomer
of $\boxed{\text{CH}_3\text{-CH}_2\text{-OH}}$ $\Rightarrow \text{C}_2\text{H}_6\text{O}$



Basic Organic Chemistry

Ex-3: Isomers of $\boxed{\text{H}_2\text{C}=\text{CH}-\text{CH}=\text{CH}_2}$ C_4H_6

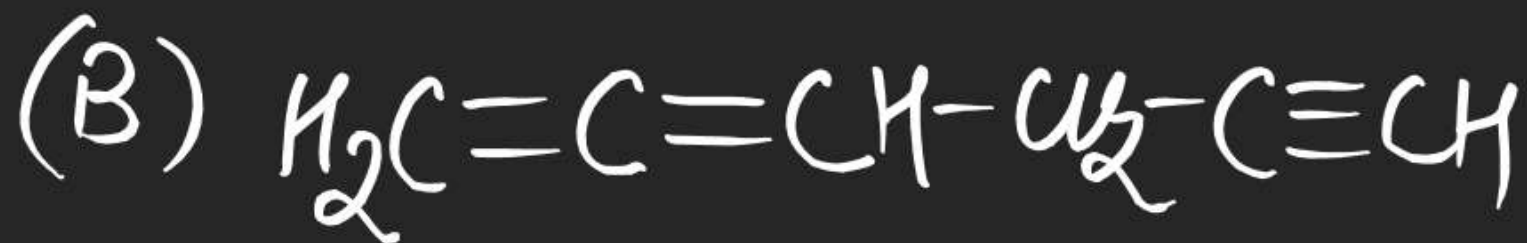
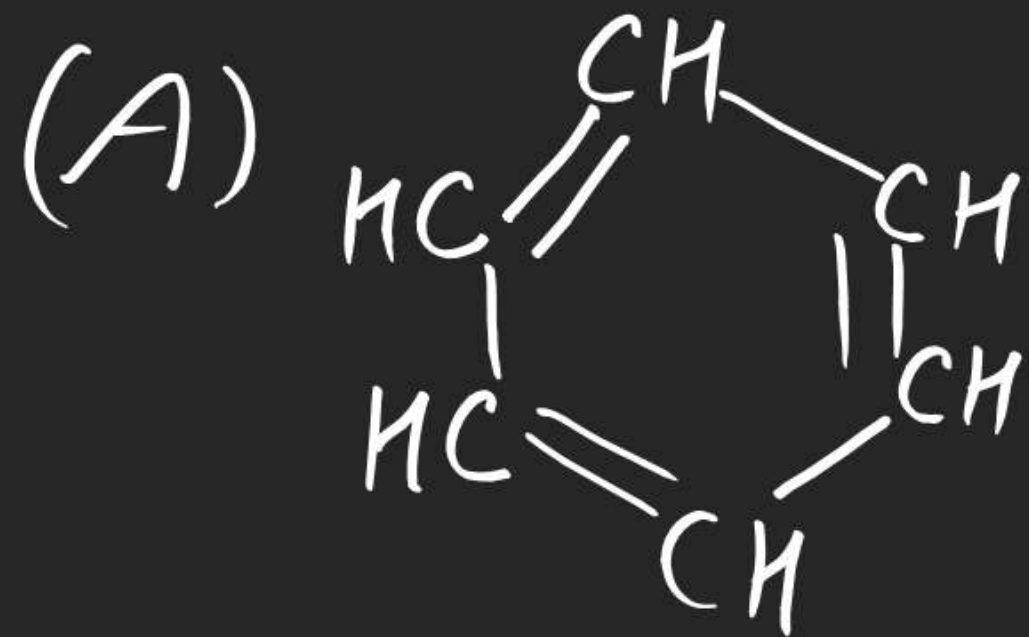
is



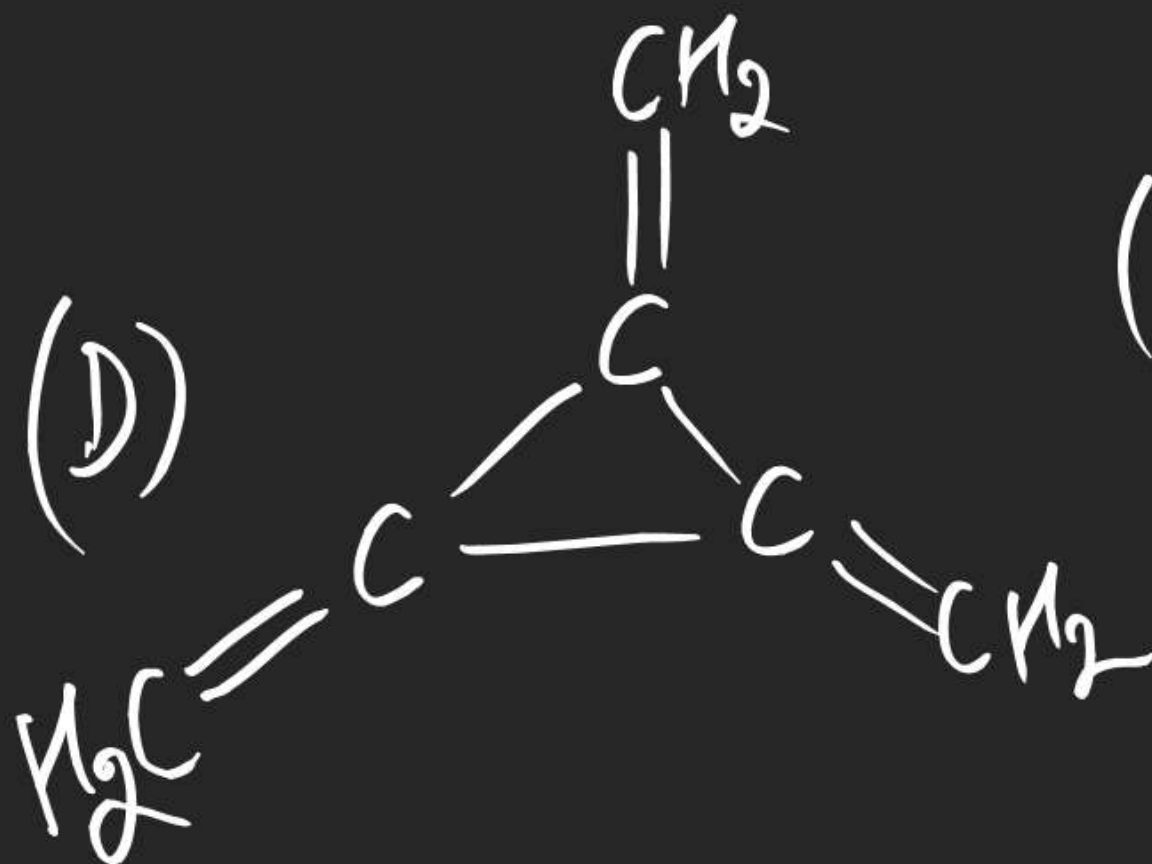
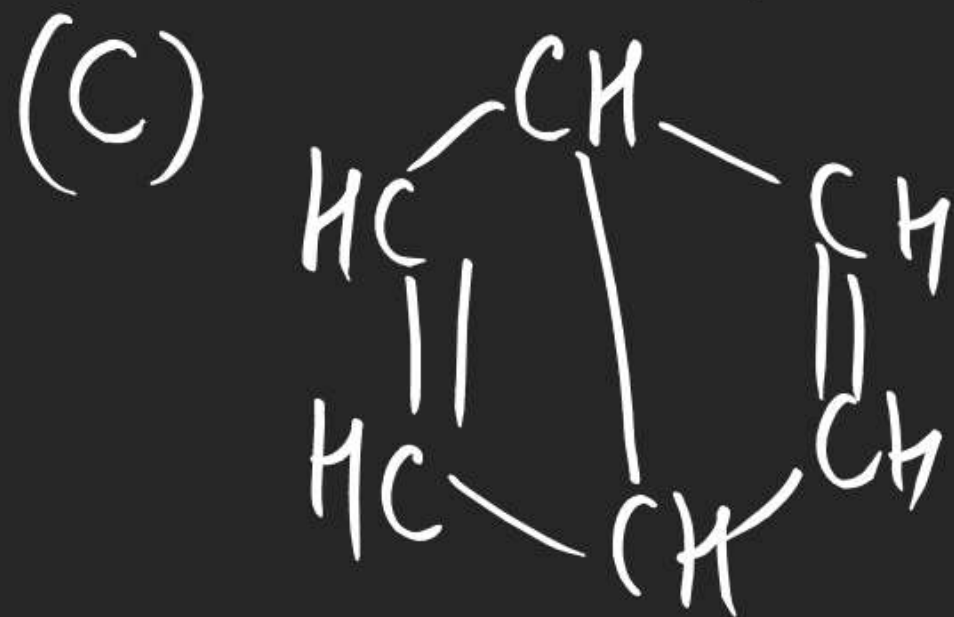
(E) All

Basic Organic Chemistry

Ex-4! Isomers of $\text{HC}\equiv\text{C}-\text{C}\equiv\text{C}-\text{CH}_2-\text{CH}_3$



(E) All of these



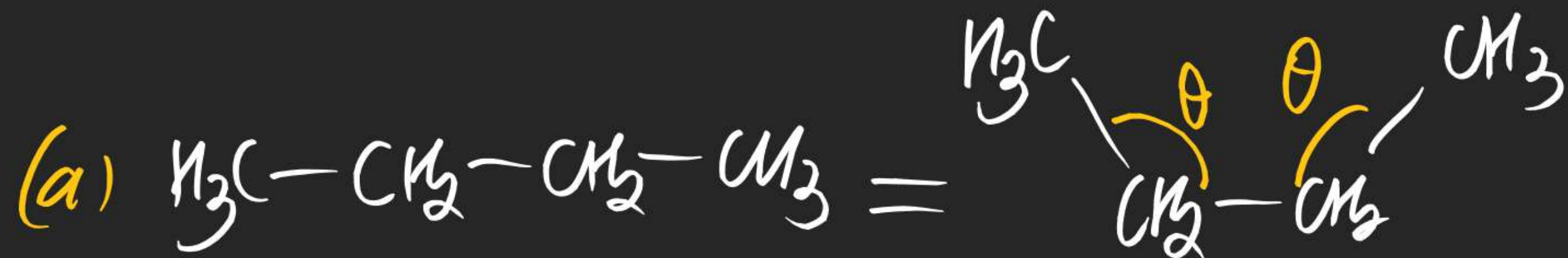
Basic Organic Chemistry

Ex-5: Find pair of isomers



X (D) All of these

Basic Organic Chemistry



Basic Organic Chemistry