Practicines Hydroceurbons Geloalkanes

Alkeiner

The general Sormella Sor the alkanes is

CoHzn+2

n stunds for any number

Meures are commonly uset in Juels whenes are insoluble in water.

Mkenes

The general formula for the alkenes is

CnHen

Their Junctional group is the carbon to card double bond

/= (

Menes are used to make jolymers and alcholol Okenes are insaluble in wester

Mylo alkernes

The general formula for the eyeloalken

 $\left(n H_{2n} \right)$

This is the seme as the alkenes Cycloalkines are commonly used as Suel and saluents régeloatkeures aux insaluble in mater.

Honnologous Series I Samily of compounds with the seme general gormalie Similar chemical projecties like solubility, recetuity, flemmability A greatient change in physical properties melting/boiling point, colour, smell Allanes, Alkenes, cycloalkanes cure allexamples Mideo question D. It 15 eyelobuterne E. It is an Alkene Mides question 2 E. octune

adopentime

curbons sum gull structured gorante shortened gorante 3 Room 4-C-C-C-4 C3H8 CH2CH2CH2 C4HB CH2 CH2 CH2 CH 8 cyclo 4- (-C-C-+1)
8 optune 4- (-C-C-+1)
1 + 4 + 4 C8H12 CHYCHY Q1. a) Leurbon Hydrogen h) 41 +

y. Mypreme Acetylin Vutunul gers

Q2. a) Buter of eyelobuture

6) Belene () Renlene

c) Heyptine J) pleyune

Q3. 0) CH3 CH3 CH3 CH2 CH2 CH2 CH2

D CH3 CH3 d) CH2 KH2 H Qu. a) Hh H H-C-C-C-H H-C-C-C-H 1 H-C-C-C-C-H 1 H-C-C-C-C-C-H 1 H-C-C-C-C-C-C-H 1 H-C-C-C-C-C-H 1 H-C-C-C-C-H 1 H-C-C-C-H 1 H-C-C-C-C-H 1 H-C-C-C-C-C-H 1 H-C-C-C-C-C-H 1 H-C-C-C-C-

b) 4-C-C-C-H d) 4-C-h

H - C - C - C - C - C - H

- 5. A homologous Series is a group of Compounds theet have similair Chemical properties.
- 6. Ethune Butune Metherna actione
 C3H8 CH4 C4H8
- 7. A & D