

# Bonding and General Concepts <sup>1.</sup>

Degree-I (Hons.), Paper-II, Group-B

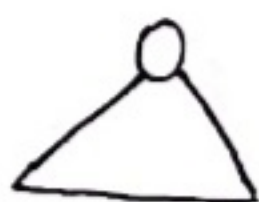
Chapter-1, Lecture-8, 15/12/2020

Session 2020-23

## NAMING OF CYCLIC ETHERS

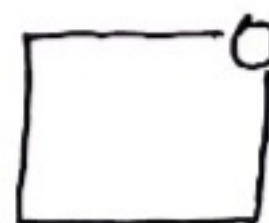
\* The IUPAC names for cyclic ethers  $(CH_2)_nO$ ,  
where  $n = 2, 3, 4, 5$  and  $6$ .

(a)



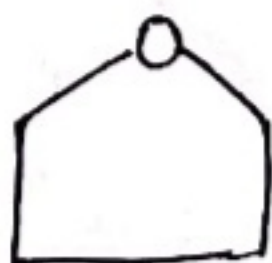
Oxirane

(b)



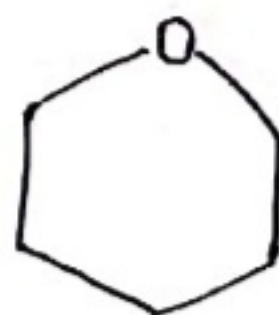
Oxetane

(c)



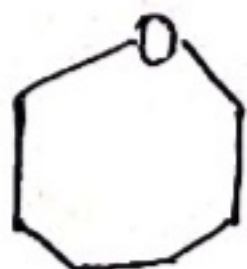
Oxolane

(d)



Oxane

(e)

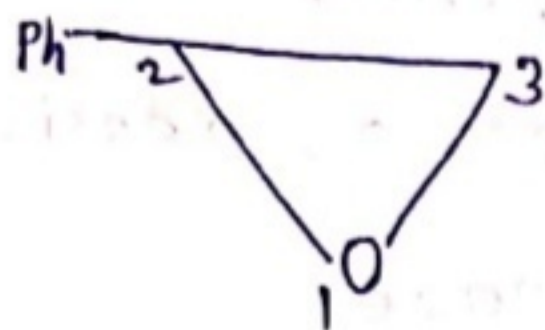


Oxepane

For example;

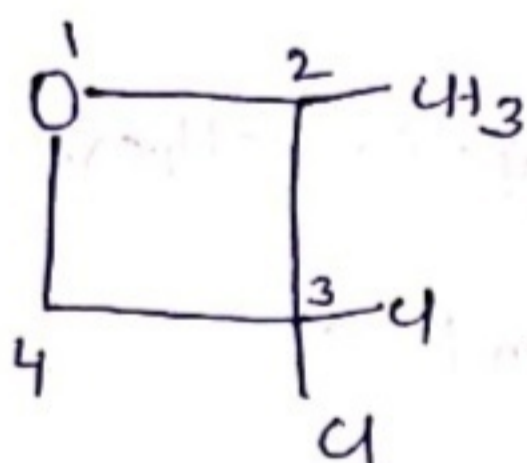
2.

(a)



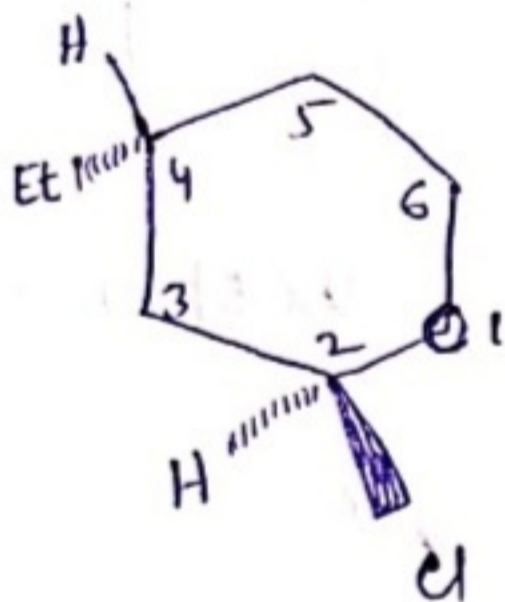
2-phenyloxirane

(b)



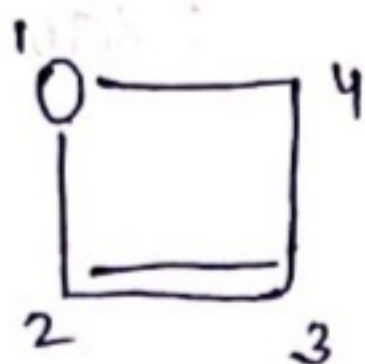
3,3-dichloro-2-methyloxetane

(c)



trans 2-chloro-4-ethyloxane

(d)



oxetene

**Nomenclature  
Completed**