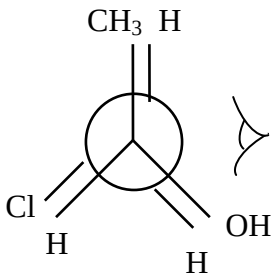
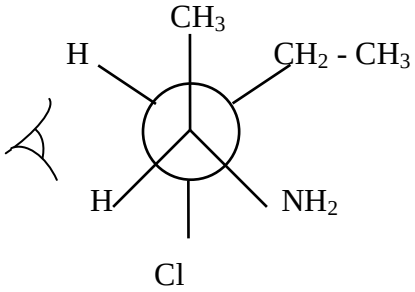
Faculté de Médecine de Constantine — Année Universitaire
Département de Médecine — 2019 / 2020
1ère Année Médecine

T.D. N° 11 DE CHIMIE

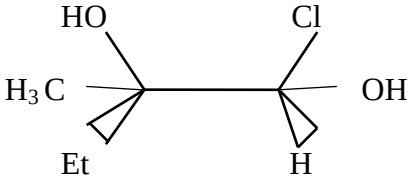
EXERCICE N° 01 :

A- Représentez les molécules suivantes en projection de CRAM :

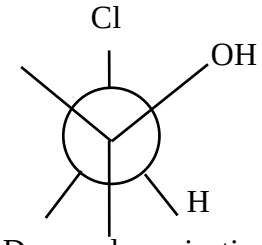


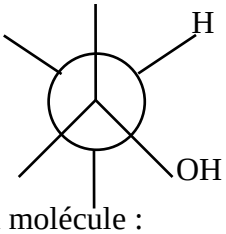


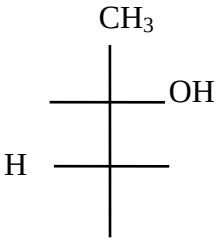
B- On donne la représentation suivante :



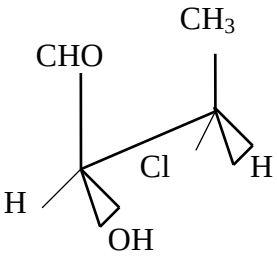
Représentez ce composé en complétant les représentations suivantes :

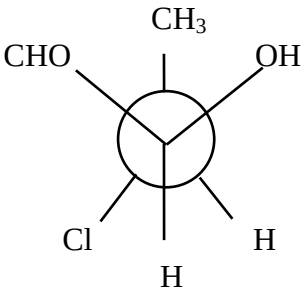
a- 

b- 

c- 

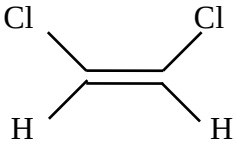
C- Donnez la projection de Fisher de la molécule :

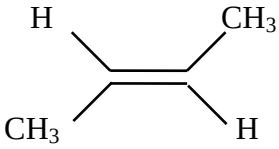


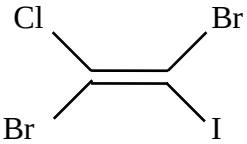


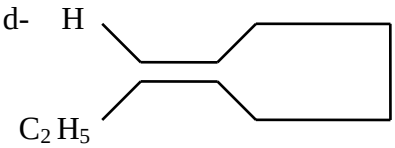
EXERCICE N° 02 :

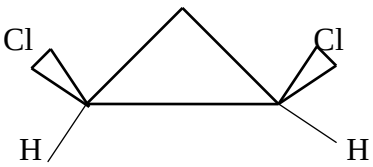
Donnez la stérioisomérie géométrique Cis-trans ou Z - E des molécules suivantes

a- 

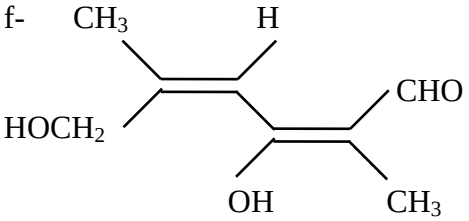
b- 

c- 

d- 

e- 

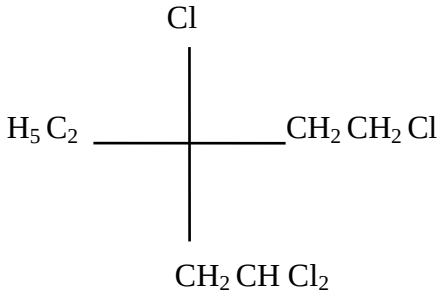
f-



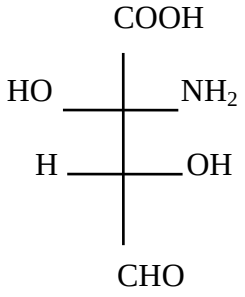
EXERCICE N° 03 :

Donnez la configuration absolue des molécules suivantes :

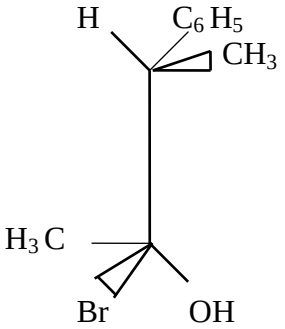
a-



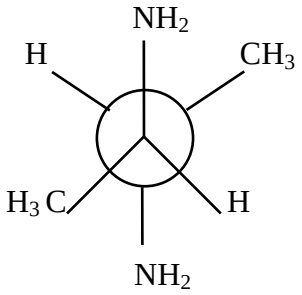
b-



c-



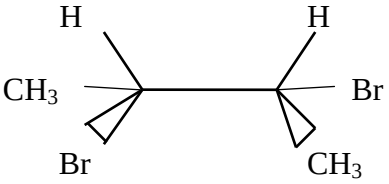
d-



EXERCICE N° 04 :

Identifiez parmi les structures suivantes, celles qui sont : <u>méso</u>, <u>érythro</u> ou <u>thréo</u>

a-



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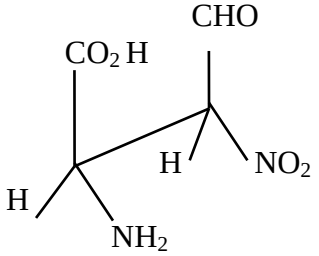
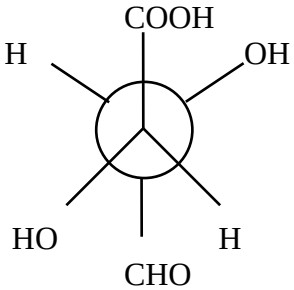
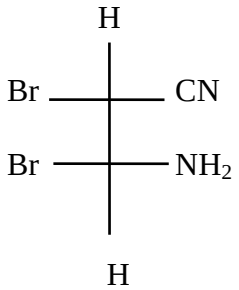


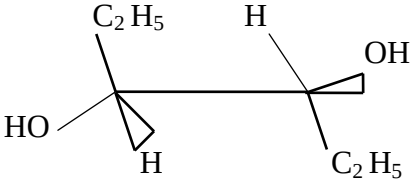
c-



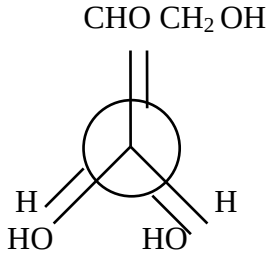
d-



e-



f-



Faculté de Médecine de Constantine
Département de Médecine
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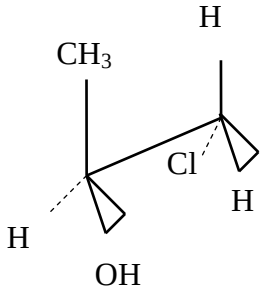
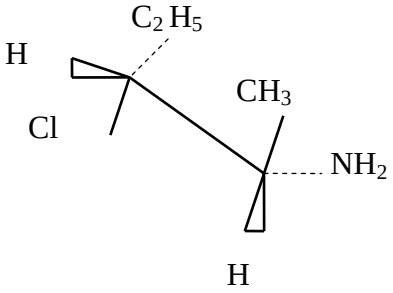
CORRIGE TYPE DU T.D. N° 13 DE CHIMIE

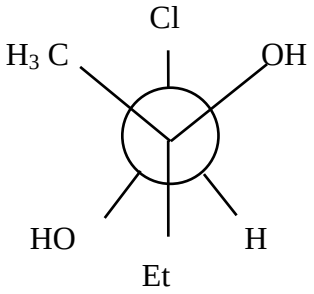
EXERCICE N° 01 :

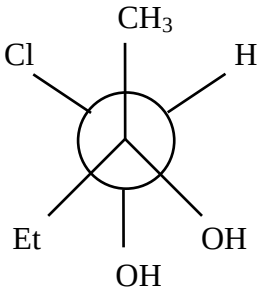
A-

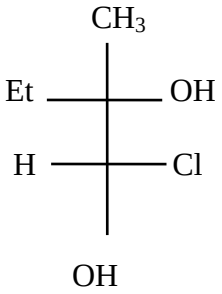




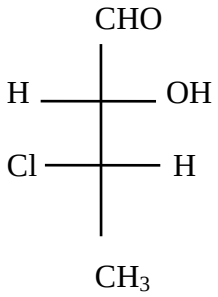
B-

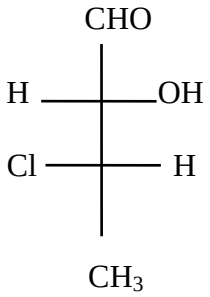






C-





(Il faut d'abord éclipsée la molécule)

EXERCICE N° 02 :

a- Cis ; b- Trans ; c- Z ; d- Rien ; e- Cis ; f- Z , E

EXERCICE N° 03 :

a- R ; b- 2 S, 3 S ; c- 2 S, 3 S ; d- (2 S, 3 R OU 2 R, 3 S) *

* La numérotation des carbones 2 et 3 est arbitraire.

EXERCICE N° 04 :

a- Thréo ; b- Erythro ; c- Erythro ; d- Erythro ; e- Méso ; f- Thréo