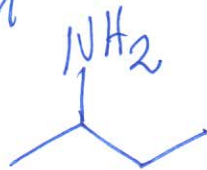


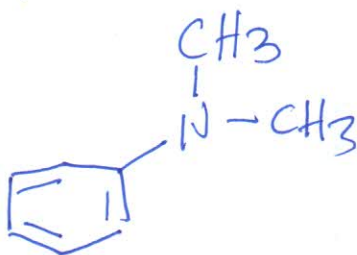
13. jun 2025.

početak u 8¹⁵

24-1



2-butanamin
(1-metilpropilamin)



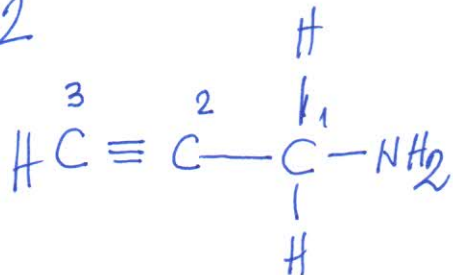
N,N-dimetilanilin
fenildimetilamin

(R)-5-Brom-2-heksanamin

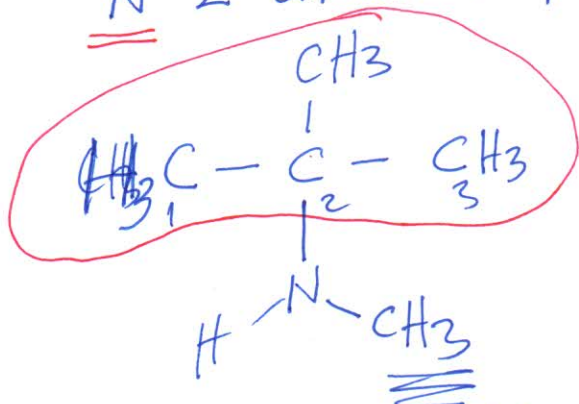


(R)-(5-brom-1-metilpentil)amin

24-2

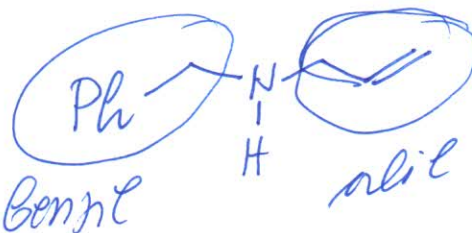
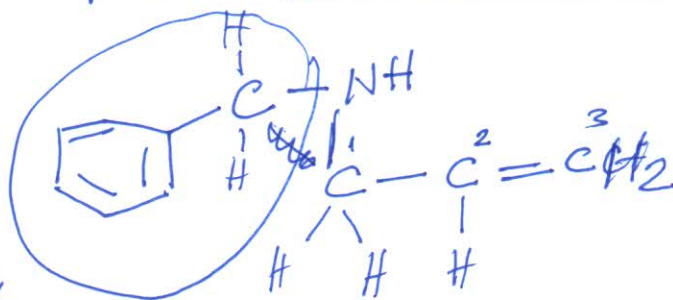


N-2-dimetil-2-propanamn



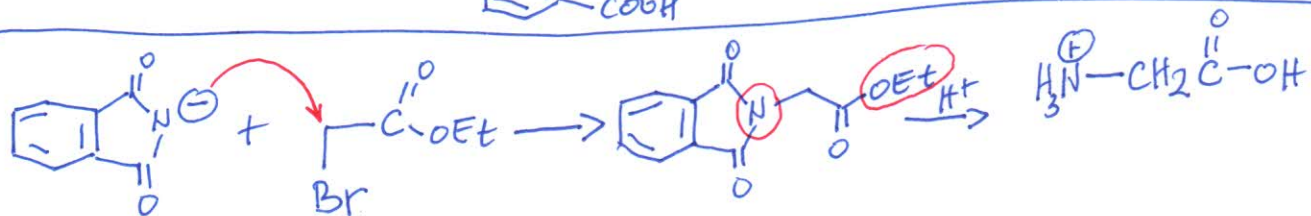
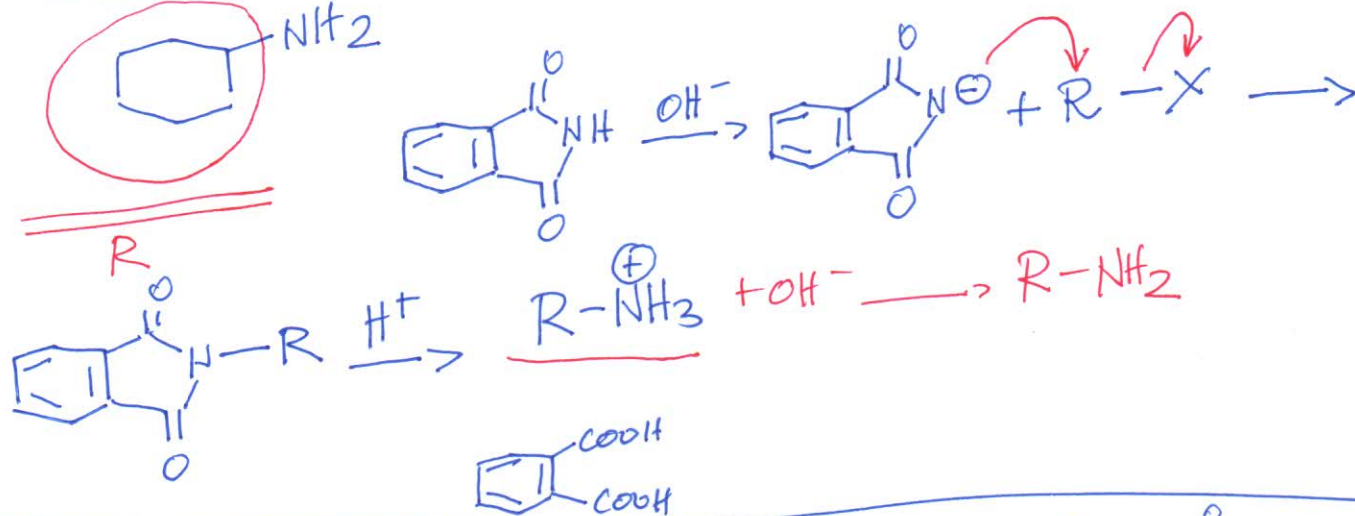
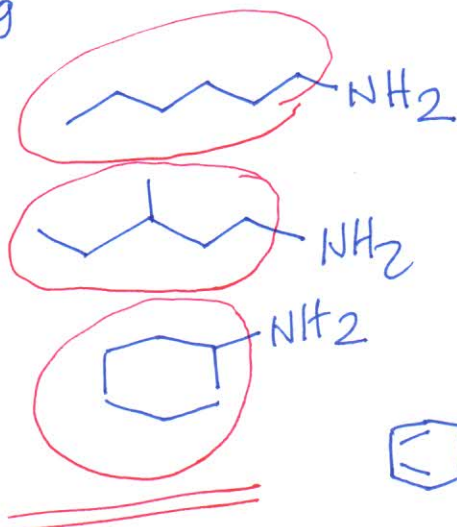
N-metil-terc-butlamin

(N-2-propenil)fenilmetanamin

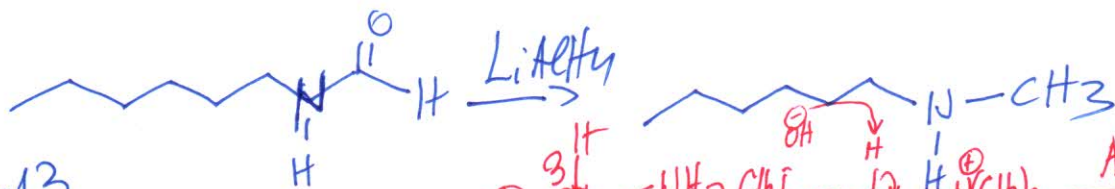
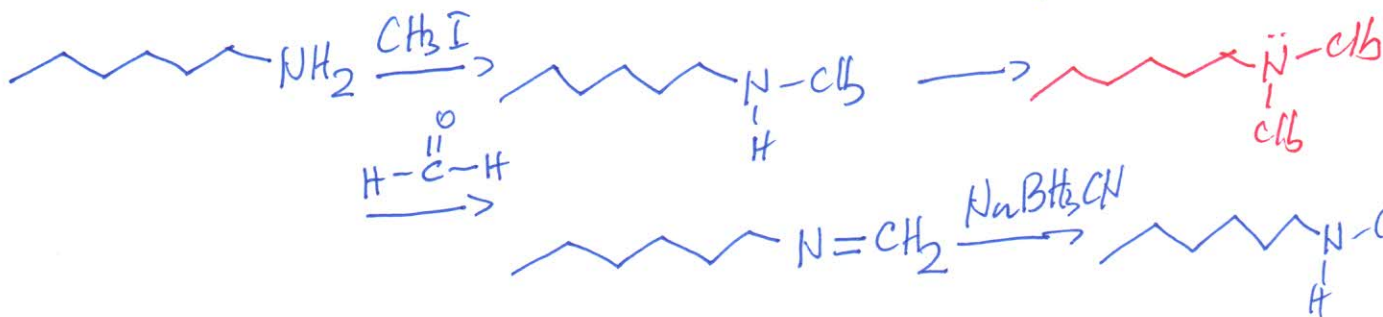


N-alitbenzilamin

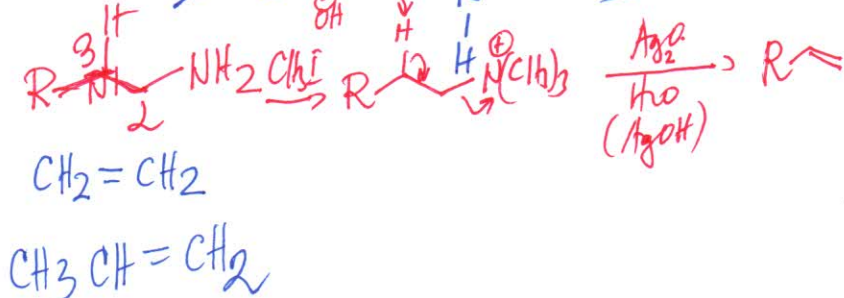
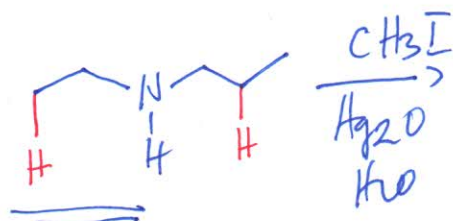
21-9



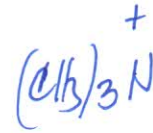
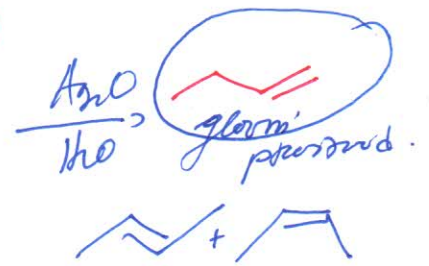
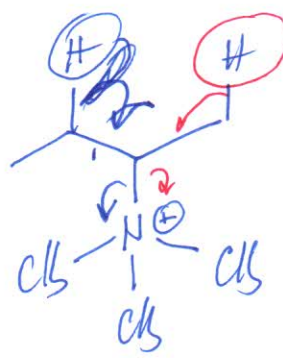
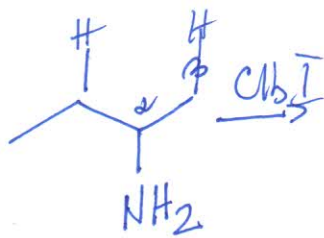
21-12



21-13

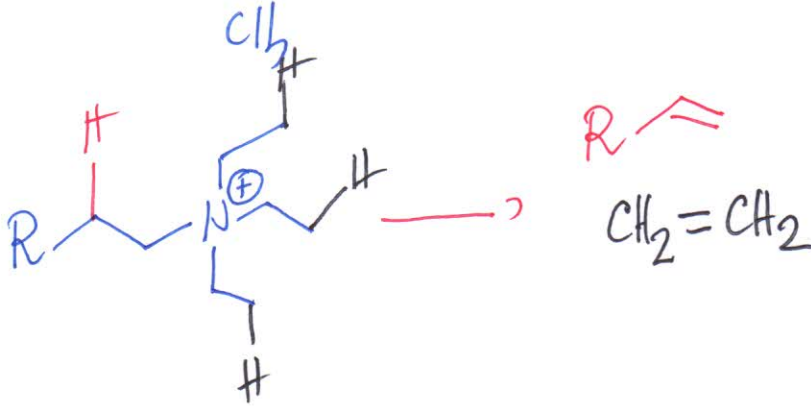
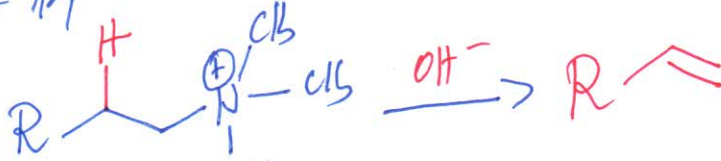


21-13b

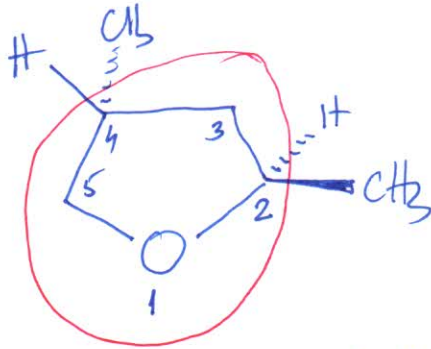


21-14

(*)



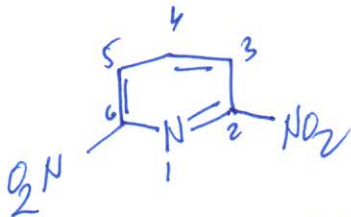
25-1



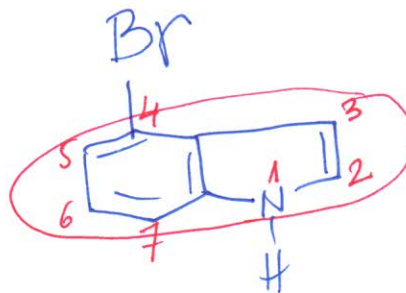
trans-2,4-dimethyltetrahydrofuran



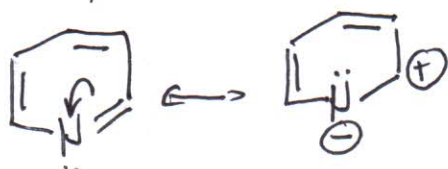
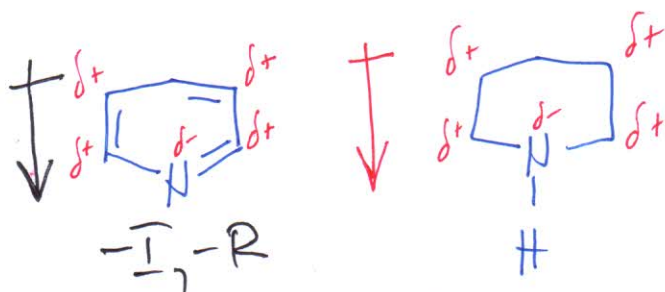
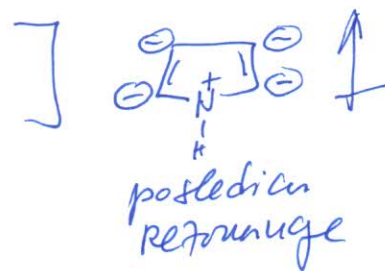
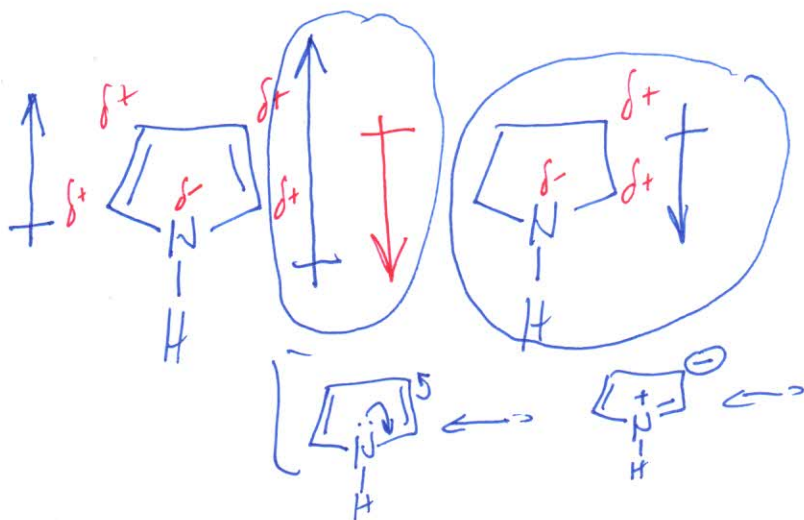
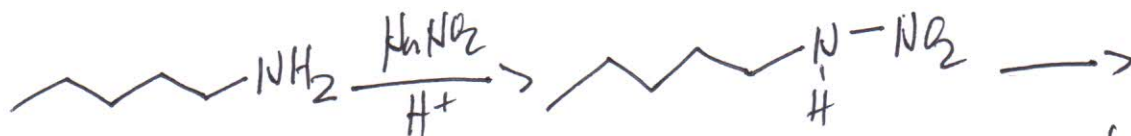
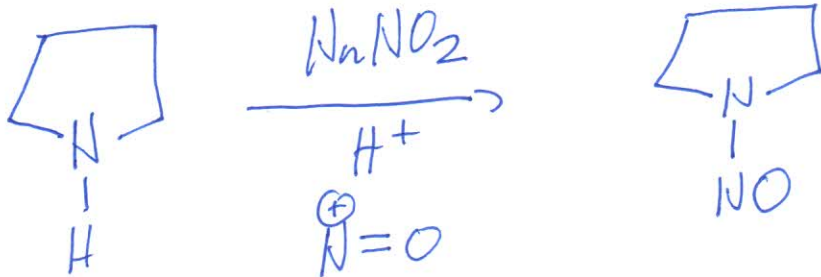
aza + ir + idin
N-ethylaziridin



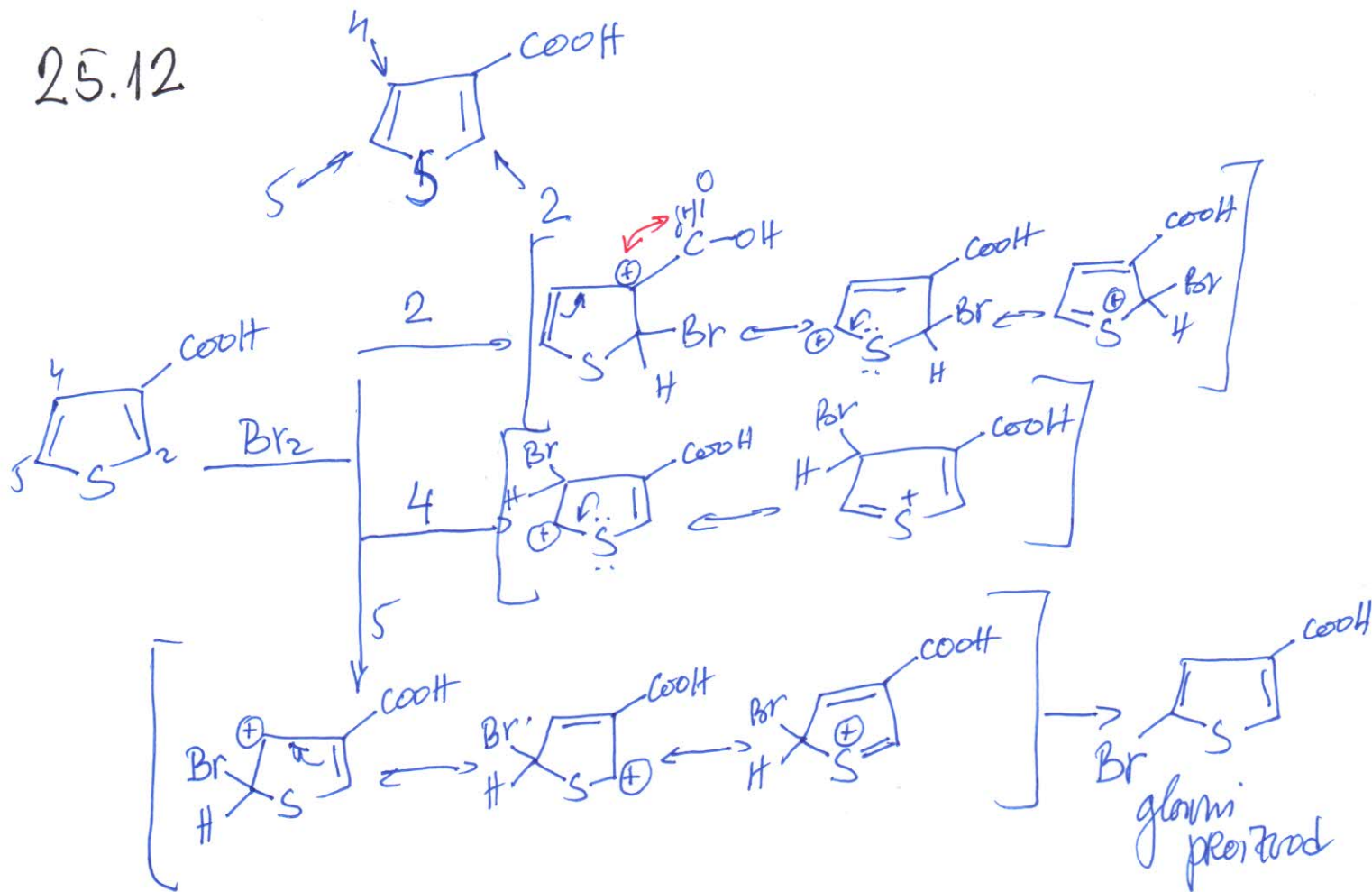
2,6-dinitropiridin



4-bromindol

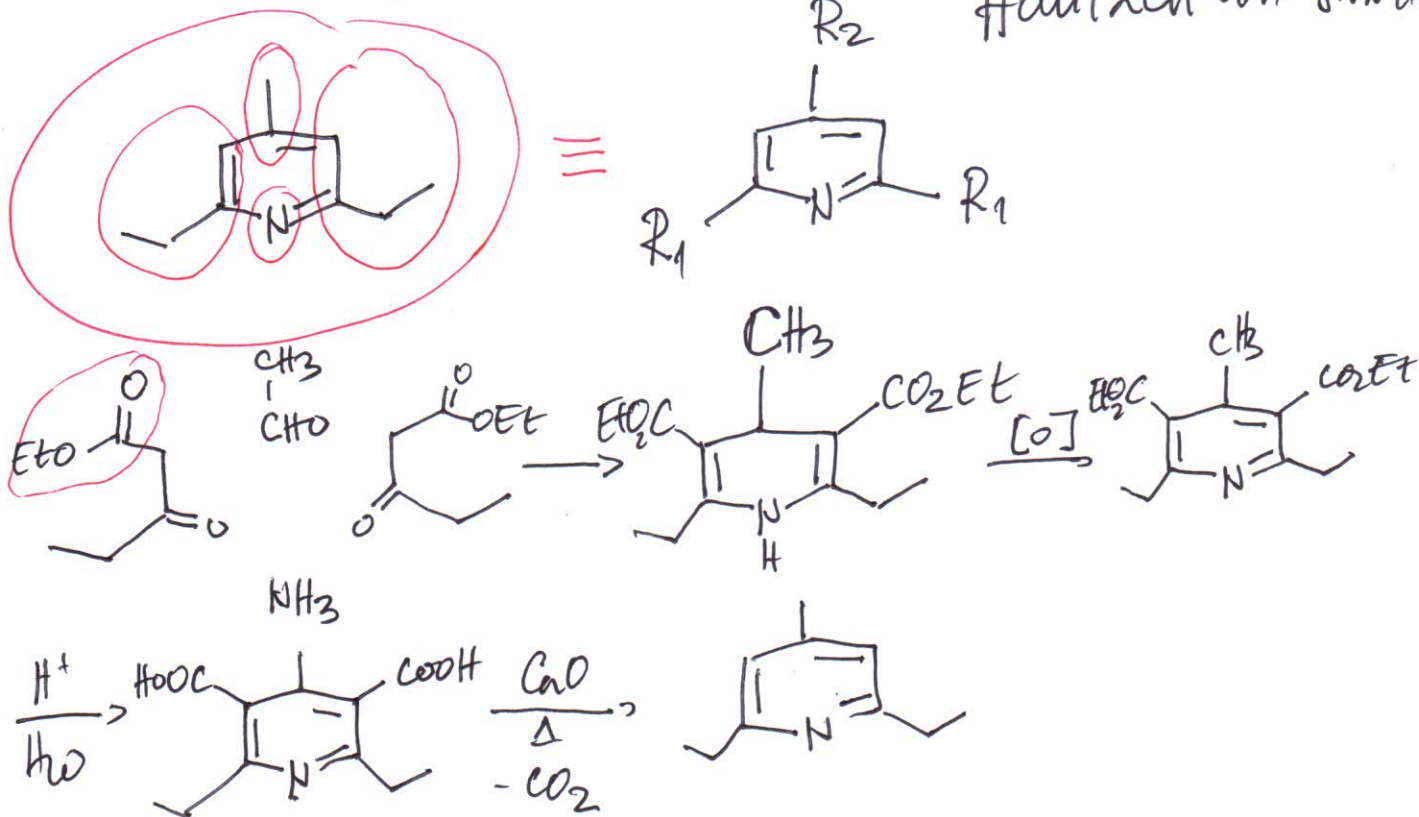


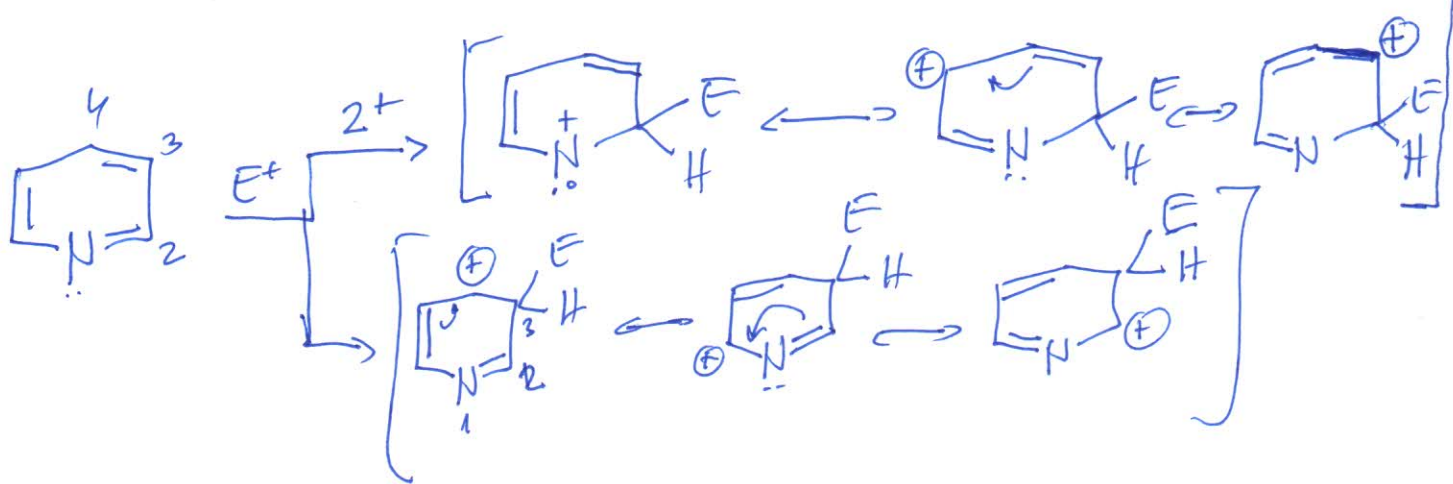
25.12



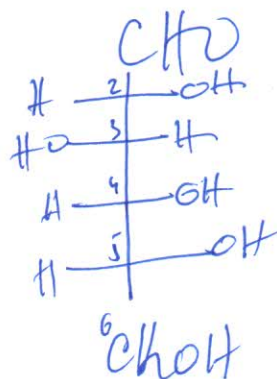
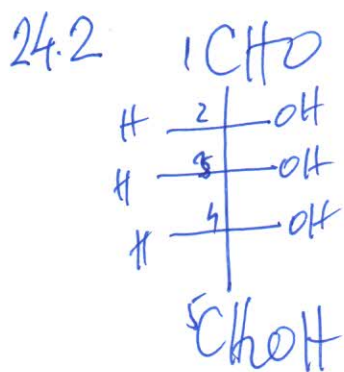
25.17 (c) ispitni deo

Hantzsch-ova sinteza





24.1 a) aldotetrose b) aldopentose c) ketopentose

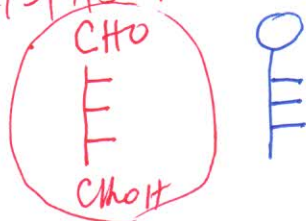


(2R,3R,4R) 2,3,4,5-tetrahydroksi pentanu

(2S,3S,4S) 2,3,4,5-tetrahydroksi pentanu

2,3,4,5,6-pentahidroksi heksanu

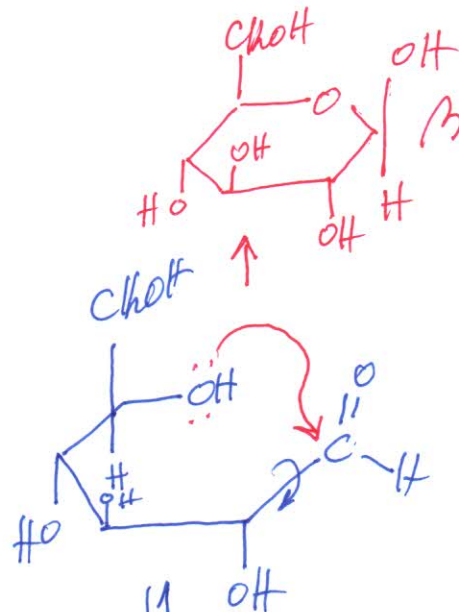
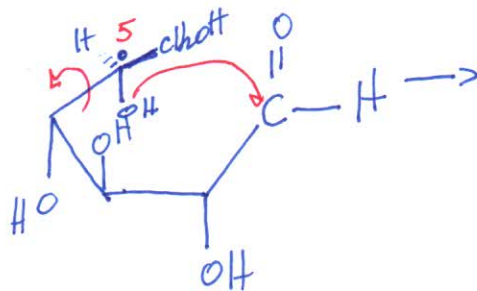
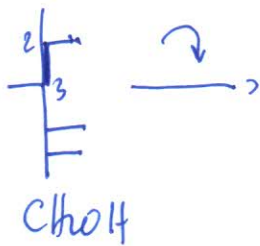
(2R,3S,4R,5R)-



24.4

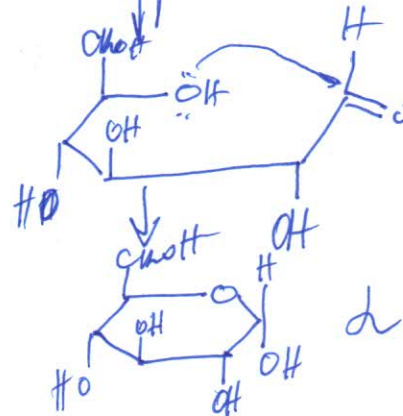
D-glukoza

CHO



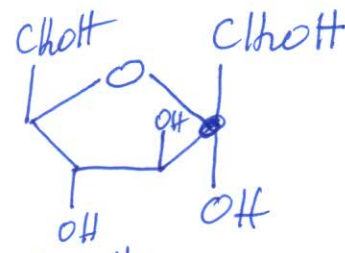
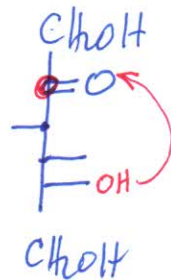
24.5

- * anomeri su diastereomeri
- * imaju različitu stabilnost
- ne nastaju u istom količinu

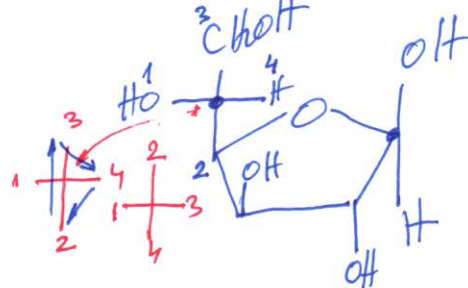
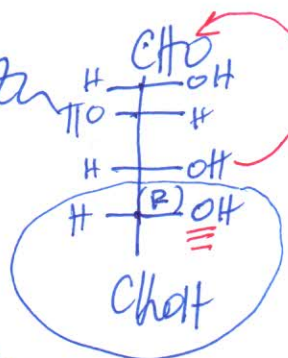


24.6

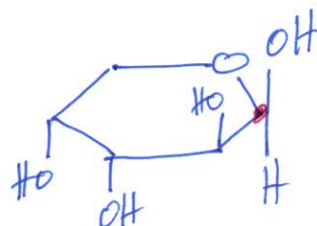
L-D-fruktofuranoza



β-D-glukofuranoza



β-D-arabinofuranoza



24.13

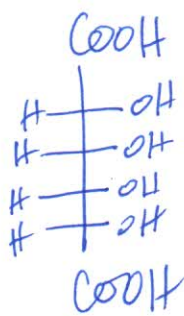


alóza

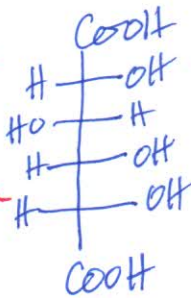


glukóza

$\text{HNO}_3 \downarrow$ diastereoméri $\downarrow$
C-3 epimer $\downarrow$

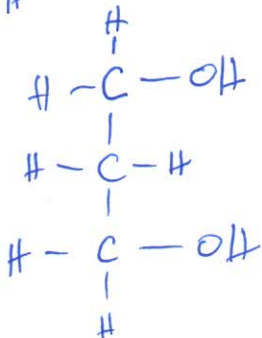
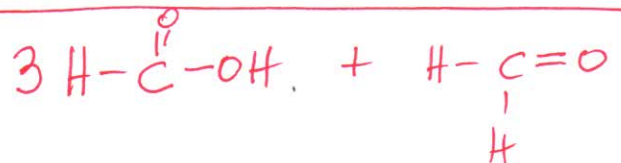
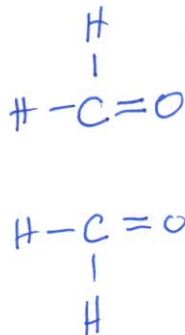
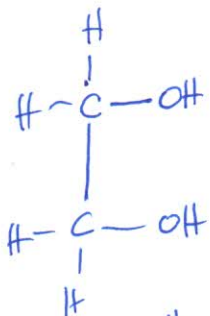
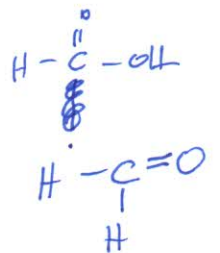
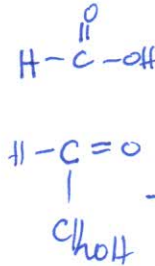
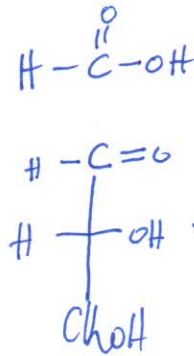
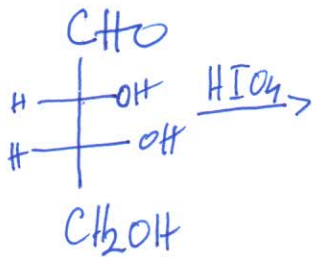


ne obreče rovnice
polarizované
svedlosti
opticky inaktiv



→ obreče rovnice polarizované
svedlosti
opticky aktivní L-steinin

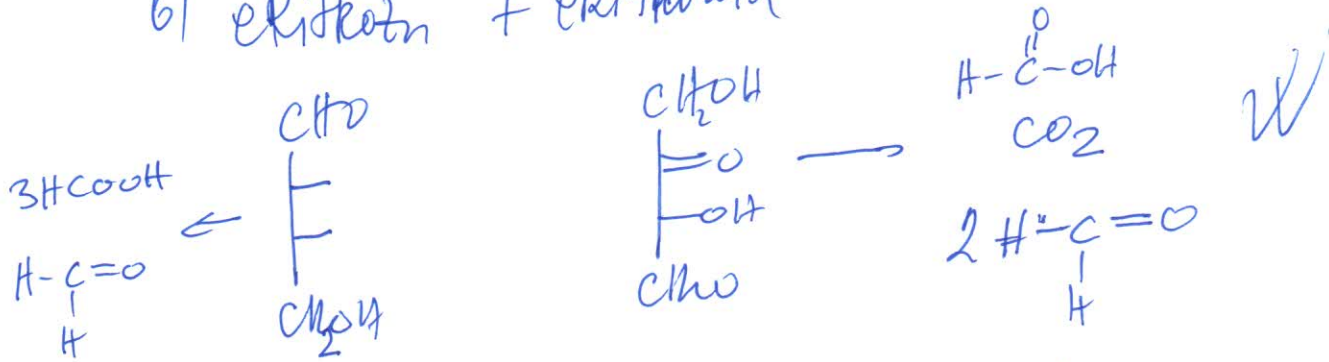
24.14.



X nemá reakce

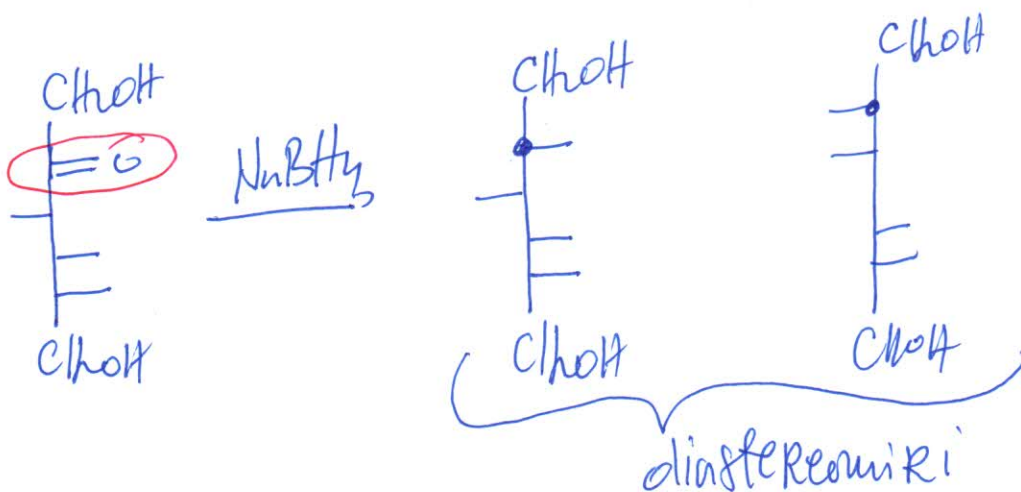
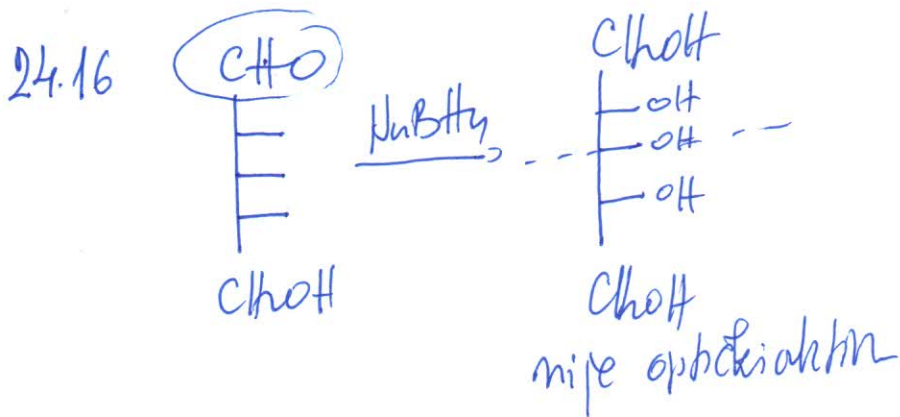
24.15 a) ^{C5}arabinoz + ^{C6}glukoz $\equiv$ možno kataliz $\checkmark$

b) eritroz + eritroz

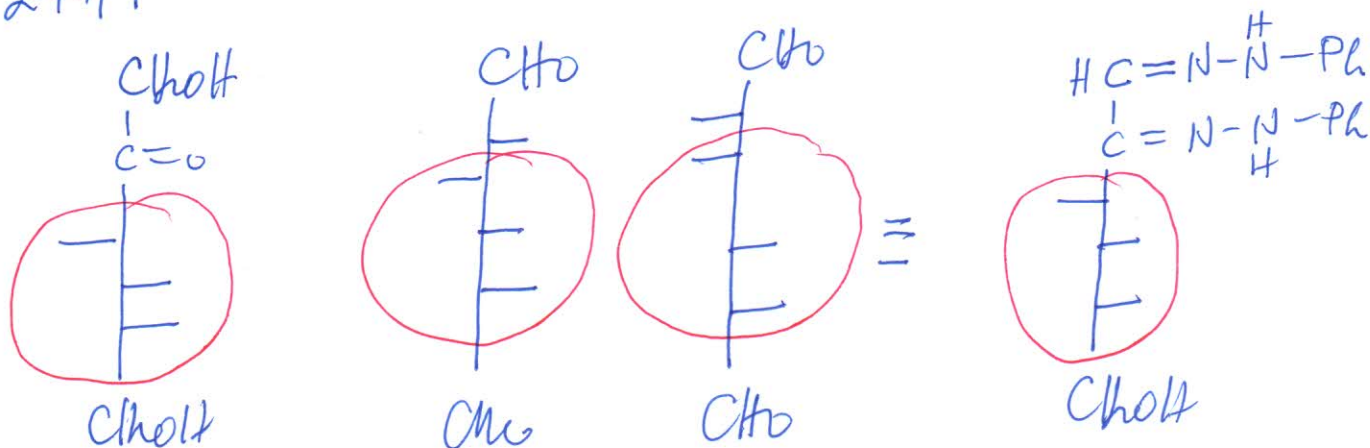


c) glukoz i manoz
aldohexoze

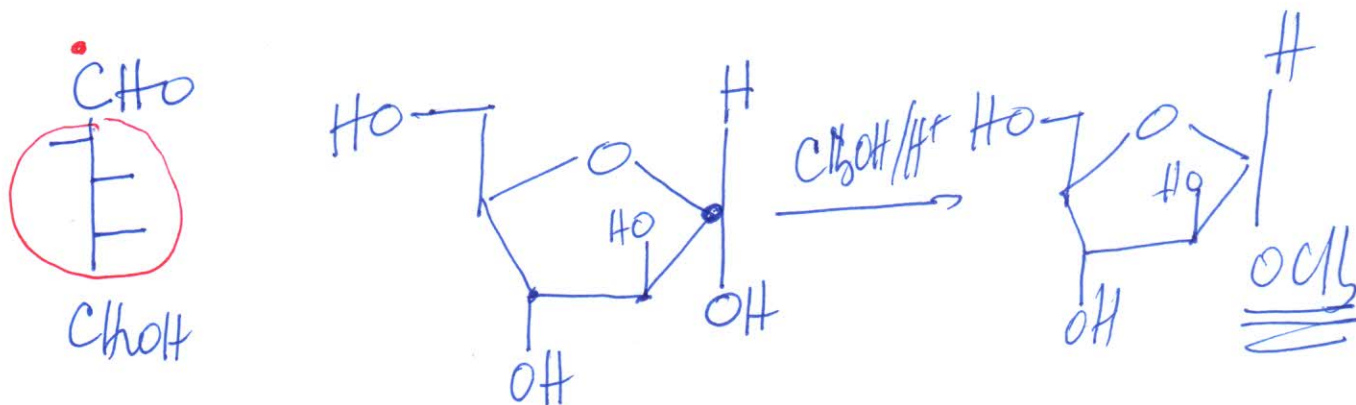
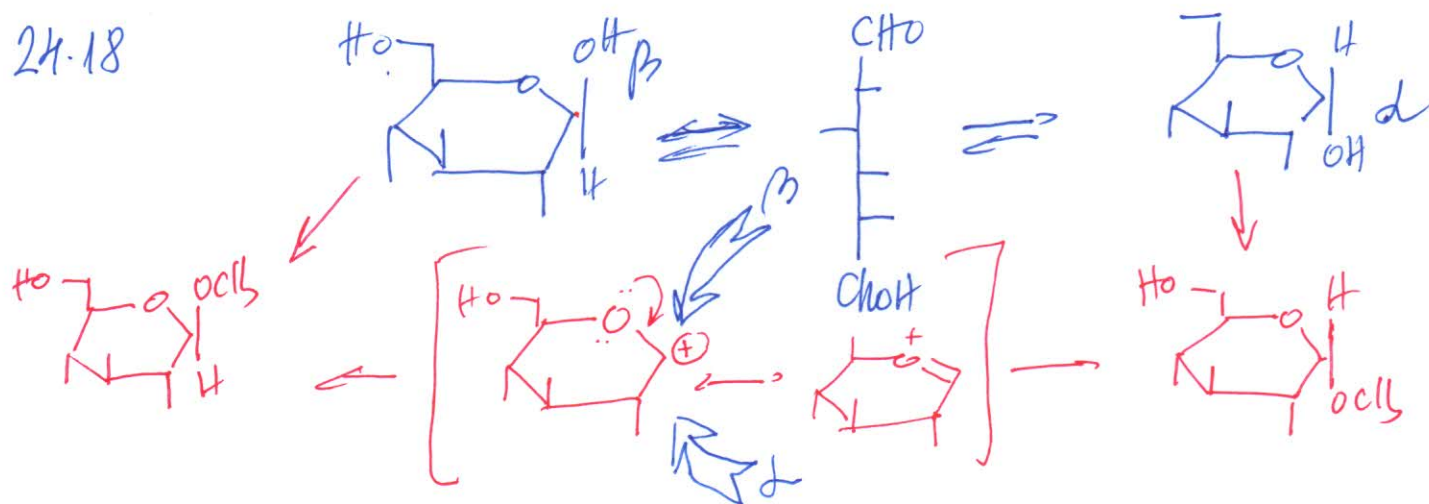
$\times$



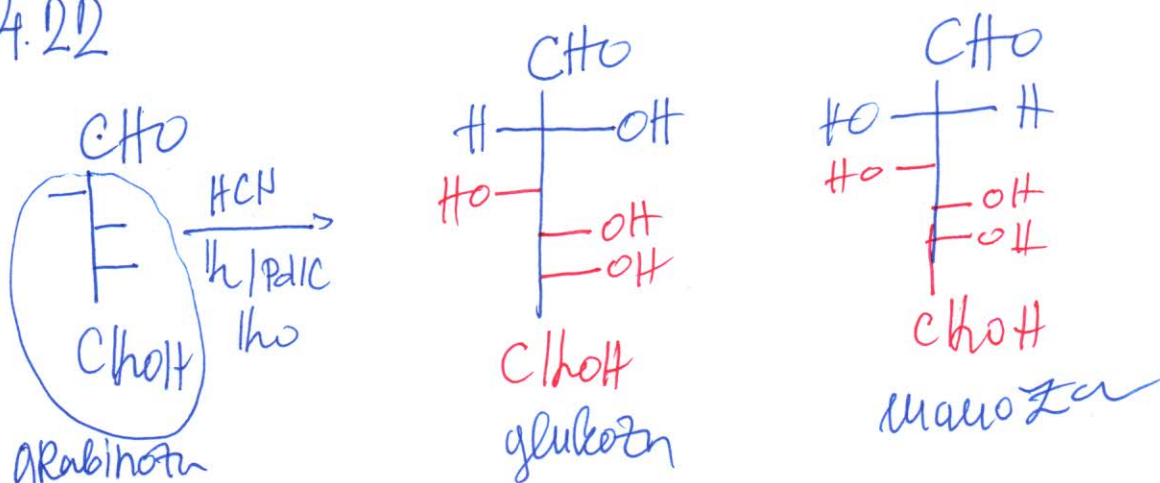
24.17



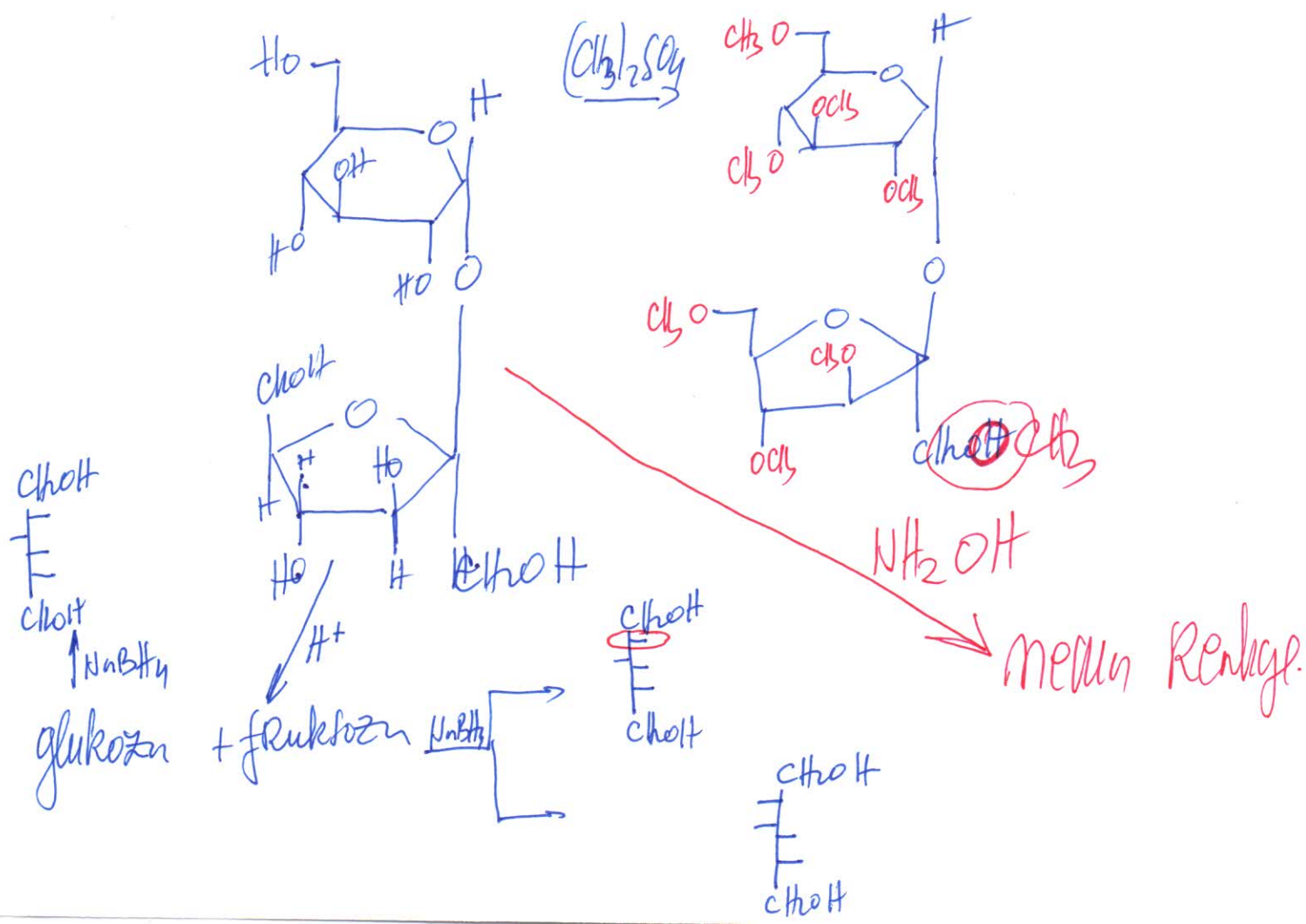
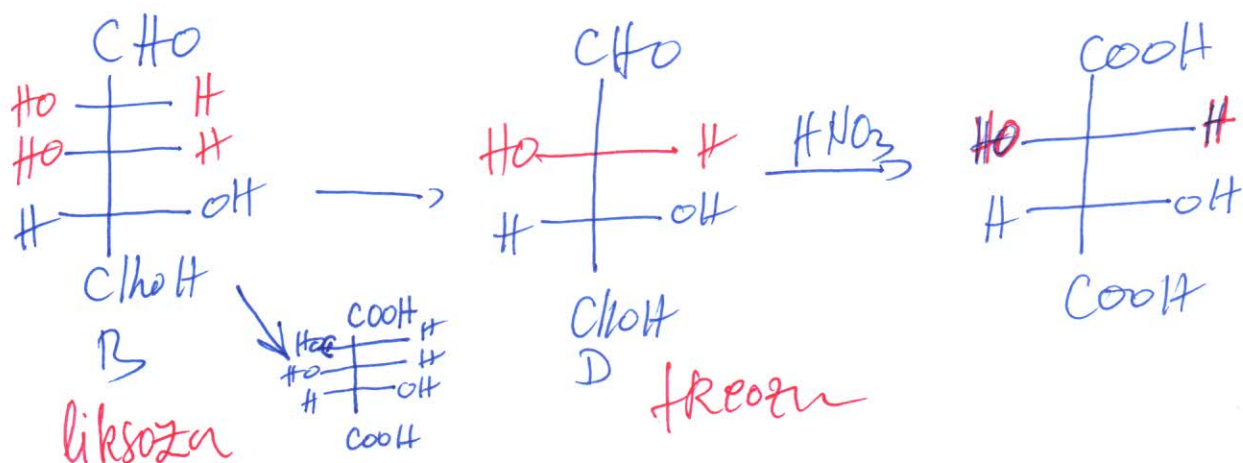
24.18

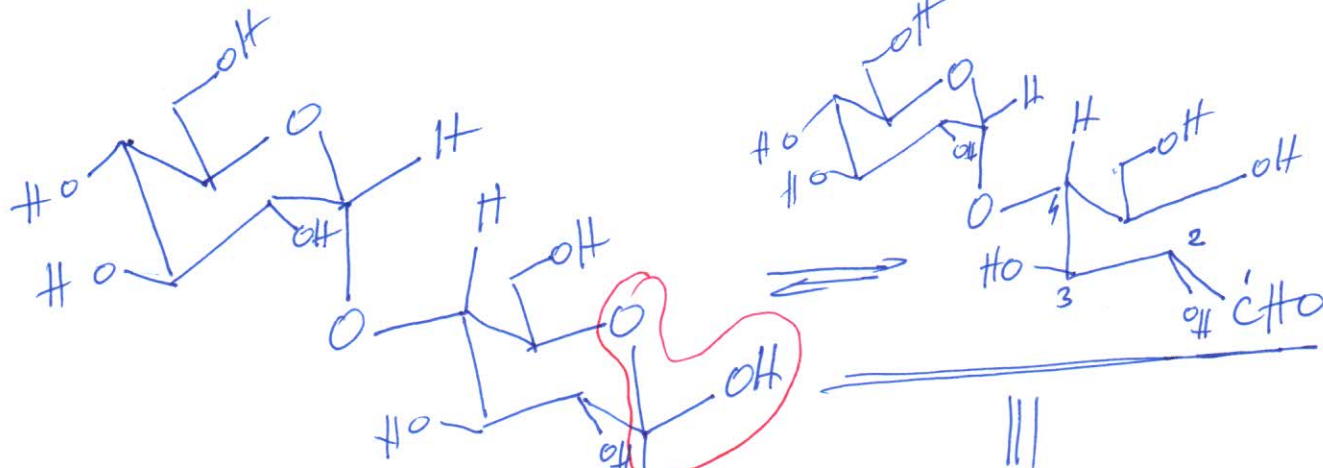


24.22



Zn ispitje





β -Maltose $\rightleftharpoons$ L-Maltose

