

Important Questions

1.

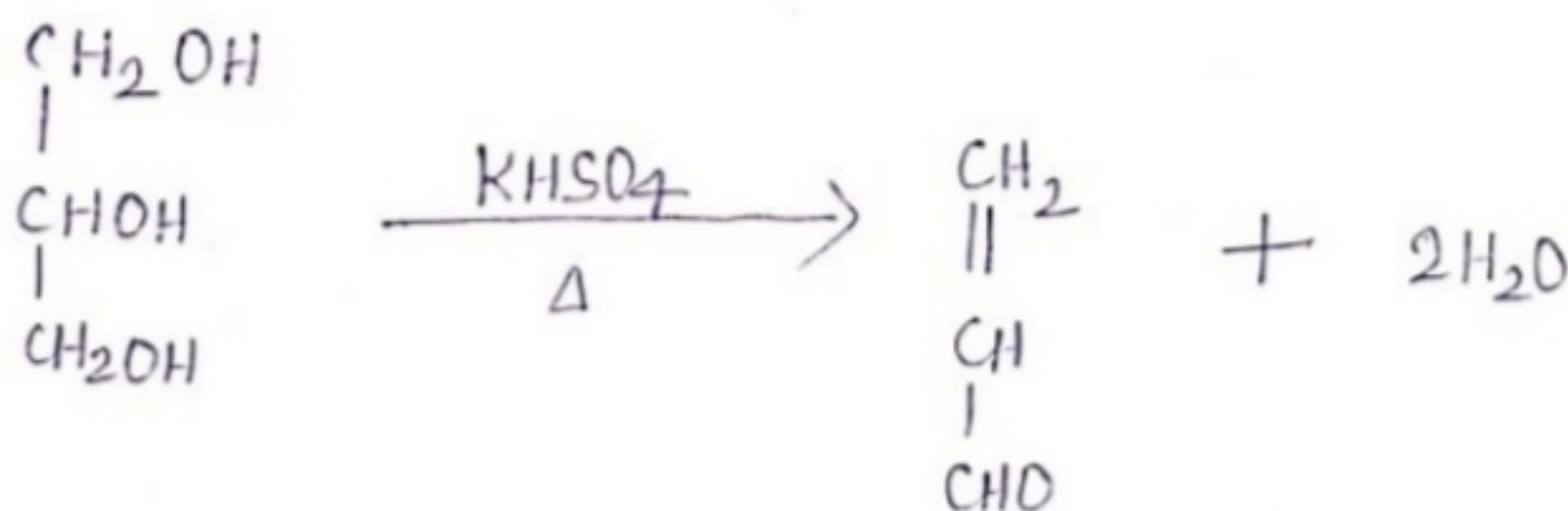
25/11/2020

For Degree-I (Hons.) By-Dr.Rinky

What happens when :-

Glycerol is heated with KHSO_4

Ans. Glycerol on heating with KHSO_4 , undergoes dehydration with removal of two water molecule from the glycerol molecule. Hence, resulting in formation of unsaturated aldehyde acrolein which has a bad odour.

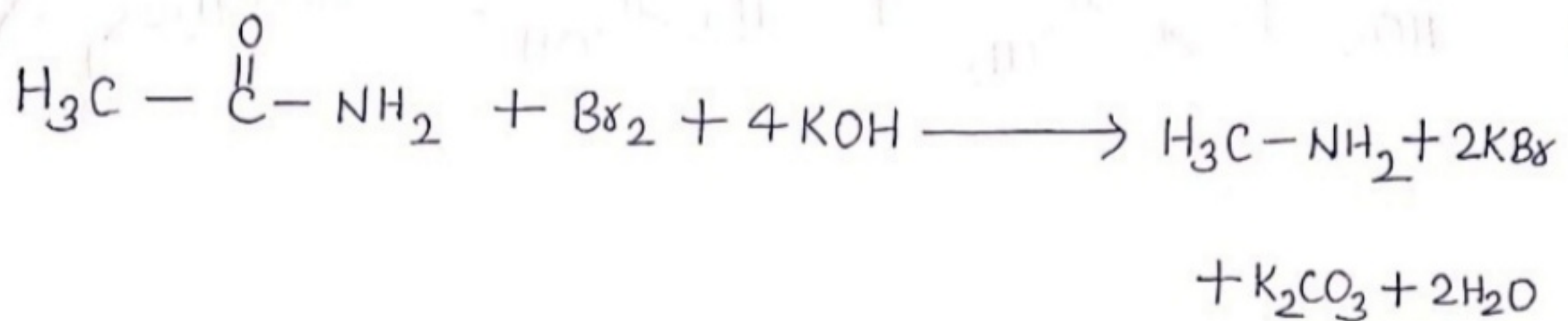


Acrolein

(Acraldehyde)

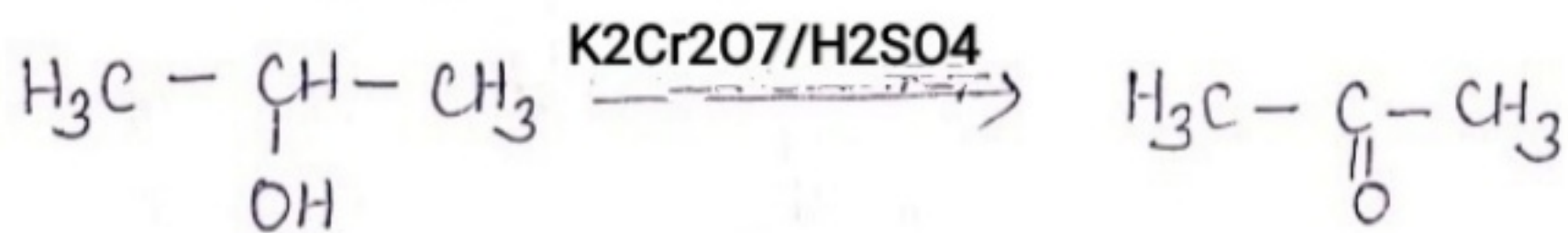
Q. Acetamide is treated with Br₂/KOH 2.

Ans. Acetamide, when treated with bromine in the presence of potassium hydroxide solution, methyl amine is formed. This reaction is known as Hofmann bromamide reaction.



Q. Isopropyl alcohol is treated with K₂Cr₂O₇/H₂SO₄

Ans. When isopropyl alcohol is treated with K₂Cr₂O₇/H₂SO₄, it produces acetone.



Isopropyl alcohol

Propanone

Completed
