

SUBJECT - CHEMISTRY

CLASS - B.Sc (Sub. Gen) PART - II

GROUP - C

TOPIC - HYDROXY ACIDS

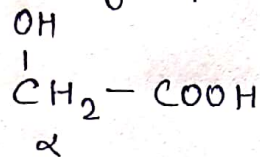
Dr Hari Mohan Prasad Singh

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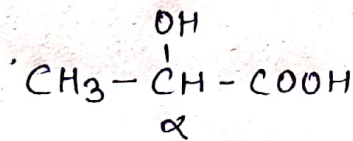
Dr. L.K.V.D College Tarapur Samastipur

Q 1. What are hydroxy acid?

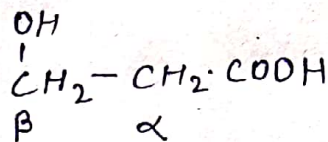
Ans Hydroxy acid have both hydroxy (-OH) and Carboxyl (-COOH) groups. They are classified as α , β , γ , δ ... hydroxy acids according to the position of OH-groups with reference to -COOH group.



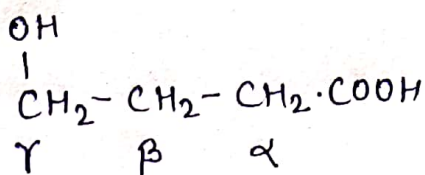
Hydroxyethanoic acid
Glycollic acid



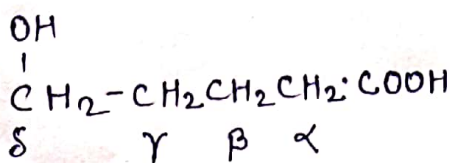
α -hydroxy propanoic acid
(Lactic acid)



β -hydroxy propanoic acid
(Hydroxyacetic acid)



γ -hydroxy butanoic acid



δ -hydroxy pentanoic acid