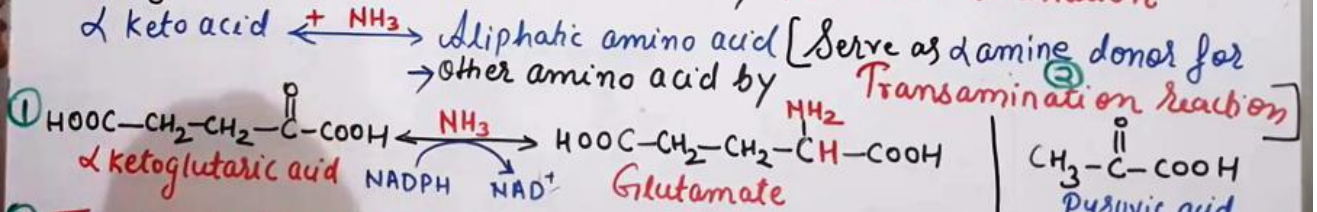
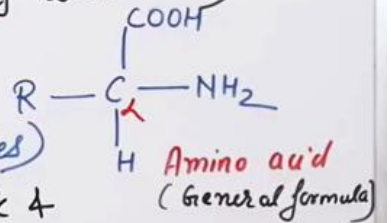


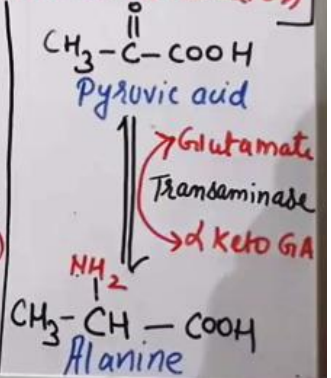
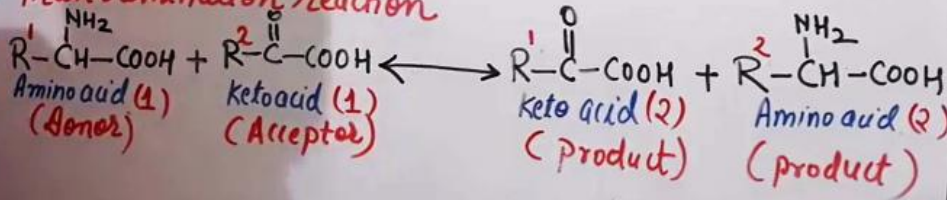
Amino Acid Pathways

Amino Acid Pathway

- ① Found in free state & as basic unit of Protein (Polymer of Amino acid)
- ② Precursor of some Secondary metabolite (eg. Alkaloids)
- ③ Most amino acid found in nature - α Amino acid
- ④ Amino acid pathway starts from Glycolysis & Kreb's cycle (Branched from it's Intermediates)
- ⑤ Plant synthesize all 20 amino acid (Aliphatic & heterocyclic different route of Biosynthesis)
- ⑥ Nitrogen enter metabolic reaction by Reductive amination



② Transamination reaction



Block diagram of Amino acid Pathways

