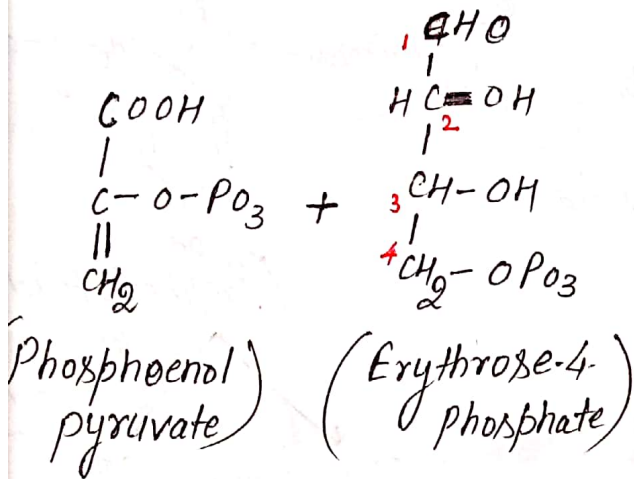


② SHIKIMIC ACID PATHWAY

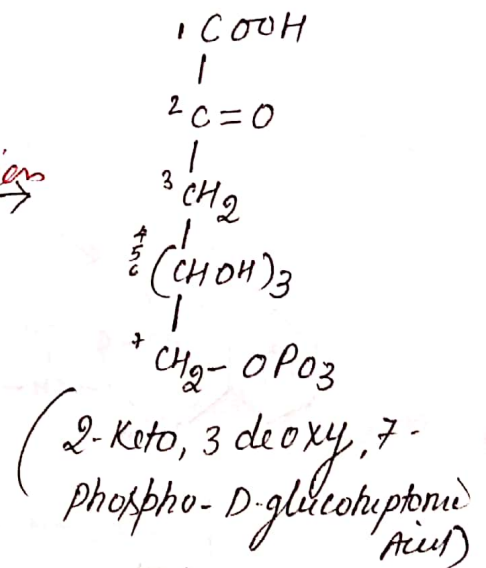
④

It is a ~~seven~~ ^{multi} steps metabolic route used by Bacteria, Fungi, Algae & Plants for the biosynthesis of -

- Amino Acids
 - ex- { Phenylalanine
 - Tyrosine
 - Tryptophan
 - etc

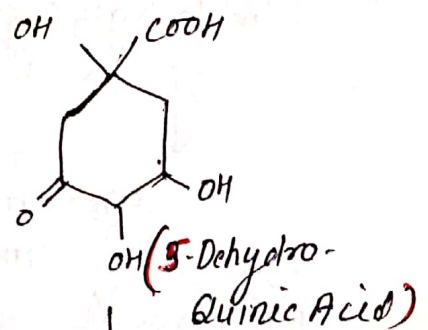


Aldol Condensation →



* NADH: N-Hydroxy amino reductase

Cyclization { NADH₂
→ NAD



(Intermediate for Biosynthesis of AAs)

H₂O ↓

