

### Explain the Steps in Krebs cycle which produced high energy molecule

- is produced during of into  $\alpha$ -ketoglutarate
- is produced during of  $\alpha$ -ketoglutarate into
- is produced during conversion of succinyl co-A into
- GTP is transfer its group to one molecule of
- To synthesize by phosphorylation
- $\text{FADH}_2$  is produced during of into
- NADH is produced during of into
- and  $\text{FADH}_2$  enter the chain
- Through phosphorylation produce
- Because of molecules of enter cycle,
- NADH is transformed into molecule of ATP
- $\text{FADH}_2$  is transformed into molecule of ATP
- Since for each glucose molecule of acetyl-CoA enter Krebs cycle, so the product must be multiplied by