

**Provide short answer for these questions.**

- i) Classify glycolysis and TCA cycle as catabolic, anabolic or amphibolic.

**(2 Marks)**

- ii) The biochemical pathways below can be identified to contain ALL of these basic requisites:

- starting material(s) or precursor(s)
- key regulatory enzymes,
- multiple reactions steps, and
- connectivity to Electron Transport Chain and Oxidative Phosphorylation.

Briefly compare glycolysis and TCA cycle in terms of these requisites.

**(8 Marks)**