**CELL TRANSPORT & METABOLISM EXAM OVERVIEW**

**Multiple Choice ~ 35 marks**

**Short Answer Activities ~ 35 marks**

**-** Define (ex. hypotonic, physiology, photolysis, phosphorylation)

- Plasma Membrane Structure & how it relates to permeability)

- Modes of transport (7) and what is transported by each

- Chemical Equation of Photosynthesis / Cellular Respiration

- Compare and contrast Photosynthesis to Cellular Respiration

- Photosynthesis

 Phases, Site of Each Phase and Primary Purpose

- Respiration

 Anaerobic (Glycolysis) vs Aerobic

 Stages, Site of Each Stage, and Promary Purpose

- Purpose and Importance of:

 Carrier Molecules

 Electron Transport Chain

- Energy transformation, release and its importance to live on Earth

 Solar 🡪 Chemical 🡪 ATP

 ATP 🡪 ADP + P + NRG