**Draw a sketch of a ‘good graph’ and indicate where marks are usually allocated on a test/exam:**

**What is the difference between validity and reliability in scientific investigations….. give examples of how we might ensure experiments are valid and reliable:**

**Label the cell diagram. Give the function of each organelle:**



**Draw a diagram of the cell membrane and account for it being described as fluid mosaic:**

**Compare and contrast passive and active transport. Give examples of different types of active and passive transport and indicate which substances are moved across a membrane in this way:**

**What are the characteristics of connective tissues? Where are they found in the body?**

**Name and describe the three types of muscle tissues:**

**Draw a diagram of the lock and key model of enzyme action:**

**Name and describe the factors that affect enzyme activity:**

**Draw a diagram of the ATP cycle and explain how this cycle works:**

**Compare and contrast anaerobic and aerobic respiration:**

**Draw a diagram to show anaerobic and aerobic respiration in the cell:**