

# **EXAM EXPECTATIONS**

## **AP Biology**

### **“Unit 4 C- Level”**

**STATE the equations for cell respiration and photosynthesis**  
**STATE that all cells are surrounded by an aqueous medium**  
**STATE the first step in a sensory transmission pathway**  
**STATE the location of human fertilization**  
**STATE the structure that stores sperm cells**  
**STATE the cell type that produces testosterone**  
**STATE the two components of antigens**  
**STATE the type of cells that kill virally infected cells**  
**DEFINE edema**  
**DEFINE interferons**  
**DEFINE neutrophils**  
**DEFINE phagocytosis**  
**DEFINE peristalsis**  
**DEFINE homeostasis**  
**DEFINE apoptosis**  
**DEFINE epitope**  
**DEFINE interleukins**  
**DEFINE chromatids**  
**DEFINE amnion**  
**LIST physical defense barriers**  
**LIST clinical characteristics to inflammation**  
**LIST cells responsible for the secondary immune response**  
**LIST different types of asexual reproduction**  
**LIST requirements for internal fertilization**  
**LIST glands that produce the components of semen**  
**LIST three stages of the ovarian cycle in order**  
**LIST five hormones that regulate ovarian and menstrual cycles**  
**LIST the glands that produce the five hormones that regulate ovarian and menstrual cycles**  
**LIST features that gas exchange systems have in common**  
**LIST general functions of the nervous system**