

- 45) The parietal pericardium _____.
- A) is also called the epicardium
 B) lines the internal surface of the fibrous pericardium
 C) is separated from the fibrous pericardium by serous fluid
 D) is found within the pericardial cavity
- 46) Which two factors below make rapid and substantial blood loss life threatening?
- A) loss of immunity and loss of blood pressure
 B) loss of immunity and loss of carbon dioxide carrying capacity
 C) loss of blood pressure and loss of oxygen carrying capacity
 D) loss of clotting ability and loss of osmotic pressure
- 47) Homeostasis is the condition in which the body maintains _____.
- A) a dynamic state within an unlimited range, depending on circumstances
 B) the lowest possible energy usage
 C) a relatively stable internal environment, within limits
 D) a static state with no deviation from preset points
- 48) A patient's hematocrit shows an unusually large buffy coat. What is a likely cause for this?
- A) thrombocytopenia
 B) anemia
 C) severe infection
 D) lipidemia
- 49) With a patient that is administered an injection of erythropoietin (EPO) you would expect to see _____.
- A) increased white blood cell count
 B) increased hematocrit
 C) decreased hematocrit
 D) decreased white blood cell count
- 50) The "fight or flight" division of the autonomic nervous system is the _____.
- A) sympathetic division
 B) peripheral division
 C) parasympathetic division
 D) somatic division
- 51) Which of these effectors is NOT directly controlled by the autonomic nervous system?
- A) most glands
 B) cardiac muscle
 C) smooth muscle
 D) skeletal muscle
- 52) Which of the following is NOT a change typically produced by a hormonal stimulus?
- A) alters plasma membrane permeability
 B) induces secretory activity
 C) activates or deactivates enzymes
 D) stimulates production of an action potential
- 53) If the vagal nerves to the heart were cut, the result would be that _____.
- A) the atrioventricular (AV) node would become the pacemaker of the heart
 B) the heart would stop, since the vagal nerves trigger the heart to contract
 C) parasympathetic stimulation would increase, causing a decrease in heart rate
 D) the heart rate would increase by about 25 beats per minute