

**ATI Anatomy and Physiology Practice
Exam | Questions and Answers | Latest
2020 / 2021**

1. Production of which of the following is a function of the prostate gland?
 - a) testosterone
 - b) fluid to lubricate the head of the penis
 - c) substance to enhance sperm mobility**
 - d) Gonadotrophin releasing hormone

2. Which of the following cardiac valves prevents blood from returning to the left ventricle of the heart?
 - a) pulmonic
 - b) mitral
 - c) tricuspid
 - d) aortic**

3. Which of the following is a role of platelets in hemostasis?
 - a) formation of plugs**
 - b) promotion of vasodilation
 - c) conversion of prothrombin to thrombin
 - d) activation of calcium

4. Which of the following valves prevents backflow of the blood from the right ventricle into the right atrium of the heart?

- a) Aortic
 - b) tricuspid valve**
 - c) pulmonic
 - d) mitral valve
5. Which of the following ions is most abundant in extracellular fluid?
- a) Calcium
 - b) Chloride
 - c) Sodium**
 - d) Potassium
6. Which of the following types of cells is primarily responsible for the destruction of old cells and invasive micro-organisms?
- a) Basophils
 - b) Eosinophils
 - c) B-cells
 - d) macrophages**
7. Which of the following hormones is secreted by the posterior pituitary gland?
- a) Growth hormone
 - b) Luteinizing hormone
 - c) Adrenocortrophic hormone
 - d) Antidiuretic hormone**
8. Straightening the elbow by lowering the hand affects which of the following muscles?
- a) biceps brachii
 - b) triceps brachii**