Equine Circulatory Practice Test

Multiple Choice: Circle the best possible answer; one answer per question.

1.) What is a horse’s heart rate on average?
   a. 40 bpm
   b. 35 bpm
   c. 25 bpm
   d. 30 bpm

2.) Which of the following is NOT a factor that would affect heart rate?
   a. Exercise
   b. Age
   c. Medical Conditions
   d. Breed

3.) “Muscular tubes that carry blood away from the heart” are called what?
   a. Arterioles
   b. Venules
   c. Arteries
   d. Veins

4.) The ________ decrease in size as they move away from the heart and begin to branch into ________, and then __________, the smallest tubes.
   a. Arteries, Arterioles, Capillaries
   b. Veins, Venules, Capillaries
   c. Capillaries, Arteries, Arterioles
   d. Veins, Arteries, Capillaries

5.) Once the oxygen has been given to the parts of the body the ________ turn into ________, and then __________ which help carry the deoxygenated blood to the lungs to get re-oxygenated.
   a. Veins, Venules, Capillaries
   b. Capillaries, Arterioles, Arteries
   c. Capillaries, Venules, Veins
   d. Arterioles, Arteries, Capillaries

6.) Which of the following primarily helps the veins transport blood to the heart?
   a. Gravity
   b. Strong Pulses Created by the Heart’s Beating
   c. Muscle Pressure in the Legs
   d. All of the Above
   e. None of the Above

7.) What is the most common site to draw blood on a horse?
   a. The Femoral Artery
b. The Jugular Vein  
c. The Carotid Artery  
d. The Superior Vena Cava

8.) Which is NOT a primary area that blood is drawn in a horse?  
   a. The Carotid Artery  
   b. The Jugular Vein  
   c. The leg  
   d. The Buccal or Cheek Region

9.) When does a horse need the most oxygen?  
   a. When Pregnant  
   b. When Sleeping  
   c. When Exercising  
   d. When They are Old

10.) True or False: Heart rate is used as a way to determine if a horse has an underlying medical condition.  
    a. True  
    b. False