Heart: Fact or Fiction?

Fill in the blank with “Fact” if the statement is true about the heart, or “Fiction” if the statement is NOT true. Correct the underlined words if it is fiction to make it a fact.

1. The chamber of the heart pumping blood to the body is the right ventricle.

2. The double-layered membrane that covers the outside of the heart is the endocardium.

3. The smallest branches of arteries are called arterioles.

4. The partition between the right and left sides of the heart is the septum.

5. The receiving chambers of the heart are called ventricles.

6. The muscular layer of the heart is called the myocardium.

7. The average person’s heart rate is 87-90 beats/minute.

8. Systemic circulation is the circulation of the blood to the lungs to pick up oxygen.

9. The mitral valve prevents the backflow of blood as it leaves the heart and enters the aorta.

10. The heart functions as a single, muscular pump.

11. The SA node is made up of special conducting cells that originate an electrical impulse that begins and regulates the heart beat. It serves as the human pacemaker.

12. An EEG is a recording of the electrical activity of the heart.

13. The heart is composed of two chambers.

14. The chamber of the heart that receives deoxygenated blood as it returns from the lungs is the right atrium.

15. The blood cells that contain hemoglobin are the erythrocytes.

16. Venules allow oxygen and nutrients to pass through to body cells.

17. The “dub” sound of the heart is the closing of the atroventricular valves.

18. The bicuspid valve is located between the right atrium and left ventricle.

19. The smooth membrane that lines the inside of the heart and blood vessels is the endocardium.

20. The popliteal pulse is used to measure pulse rates for vital signs.