

Module 14 Quiz: Cardiovascular System

Name: _____ Date: _____

Part A: Multiple Choice (7 points)

Choose the best answer for each question. (1 point each)

1. Blood from the body enters the heart through the:
 2. A) Left atrium
 3. B) Right atrium
 4. C) Left ventricle
 5. D) Aorta
6. The pacemaker of the heart is the:
 7. A) AV node
 8. B) SA node
 9. C) Bundle of His
 10. D) Purkinje fibers
11. Which blood vessels carry blood away from the heart?
 12. A) Veins
 13. B) Capillaries
 14. C) Arteries
 15. D) Venules
16. Gas exchange occurs in the:
 17. A) Arteries
 18. B) Veins

- 19. C) Capillaries
- 20. D) Heart
- 21. The "lub" heart sound is caused by:
 - 22. A) Semilunar valves closing
 - 23. B) AV valves closing
 - 24. C) Blood entering the atria
 - 25. D) Blood leaving the aorta
- 26. Veins have valves to:
 - 27. A) Increase blood pressure
 - 28. B) Prevent backflow of blood
 - 29. C) Speed up blood flow
 - 30. D) Allow gas exchange
- 31. Systolic pressure represents pressure during:
 - 32. A) Heart relaxation
 - 33. B) Heart contraction
 - 34. C) Sleep
 - 35. D) Rest

Part B: Free Response (3 points)

Answer each question in complete sentences.

1. (1 point) Trace the path of blood through the heart, starting from the right atrium.

1. (1 point) Compare arteries, veins, and capillaries in terms of structure and function.

1. (1 point) Explain how the SA node controls the heartbeat.
