

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.
