

HS I Circulatory System Review

1. What are the 2 upper chambers of the heart?
2. When blood passes through the pulmonary valve, which vessel does it enter?
3. Which vessel is strong and elastic to undergo increased pressure?
4. Which heart structure is also known as “mitral”?
5. Which heart structure is located between the right upper and lower chambers?
6. What are the lower chambers of the heart?
7. During a routine physical, the doctor discovers that Jane’s systolic blood pressure is 180 and her diastolic blood pressure is 100. Jane will probably treated for?
8. Long periods of standing, and pregnancy are factors that contribute to which vascular disorder that is often seen in the lower legs?
9. Your patient was admitted to the hospital with ineffective heart function. Which condition may result if the ventricles do not function properly, causing blood to collect in the heart?
10. After running 1,500 meters, the athlete experienced irregularities in his/her heart rate. This was an indication that the heart rate was altered. What is the medical term for this condition?
11. An untreated Rh-negative mother is having a n Rh positive baby. Which condition might be suspected in the baby?
12. A nursing student observes as the mentor assesses a patient with impaired circulation. To determine if the blood flow to the feet is adequate, the mentor assesses the:
13. Electrical stimulation throughout the ventricles is delivered by the?
14. The athlete sustained an open wound while on the practice field. A couple days later the injury appeared red, swollen and was warm to touch. The injury resulted in which development?
15. John was seen at the urgent care center complaining of chest pain. Diagnostic tests revealed that John had a heart attack. This is caused by?
16. The blood vessels that carry deoxygenated blood from the body to the heart are?

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17. The patient notices that he has been bruising easily. Laboratory studies indicate that his blood clots very slowly. It is suspected that this patient might have?
18. A patient went to the doctor because of extreme fatigue. Upon laboratory study, the doctor tells the patient that she has “low iron”. The general medical term for this disorder is?
19. Which blood clotting disorder will present a threat of death to the patient as it travels through a blood vessel?
20. Following a transient ischemic attack, diagnostic studies showed that the patient had a bulging vessel in the brain that had leaked. The patient’s diagnosis was?
21. Malcolm, an African American male, is seen by the hematologist complaining of fatigue and joint pain. His doctor notes that Malcolm’s red blood cells have an irregular shape. The doctor suspects a diagnosis of?
22. My grandmother became dizzy and fainted. Her doctor reports that she had a temporary loss of blood flow to her brain. What disorder will my grandmother most likely be treated for?
23. When the laboratory technician looks at a slide under the microscope and sees numerous white blood cells, which condition is likely?
24. Oxygen and carbon dioxide are exchanged at the cellular level in which type of blood vessel?
25. A child was admitted to the emergency department with a nosebleed. He was treated by injecting the clotting factor. What was the child’s diagnosis?
26. The blood component that is responsible for transporting oxygen to body cells?
27. A diet with adequate iron intake is essential for which blood function?
28. The function of the heart and blood vessels that supplies oxygen and nutrients to the entire body is known as?
29. What is the special conducting cells that originate an electrical impulse that begins and regulates the heartbeat, AKA the “pacemaker of the heart”?
30. The partition between the right and left sides of the heart is the?