

Name _____
Anatomy/Physiology

Hour _____
Date _____

UNIT 4 OVERVIEW: CH. 12 THE HEART

1. Where is the heart located?
2. What is the apex of the heart?
3. What are the 4 chambers of the heart?
4. What is the *myocardium*? (include the septums)
5. What is the *endocardium* and how are endocarditis and thrombosis related to it?
6. What is the *pericardium*? (include visceral and parietal)
7. What is the difference between the *systole* and *diastole*?
8. What are the 4 valves of the heart?

9. Describe the following types of cardiac valve disorders:

Incompetent valves

Stenosed valves

Rheumatic heart disease

Mitral valve prolapse (MVP)

10. Describe the 2 types of heart sounds and what causes them.

11. What is a heart murmur?

12. What does atrial systole do?

13. What is the difference between the right and left heart pumps?

14. What is coronary circulation?

15. What is a *coronary embolism*?

16. Describe *myocardial infarction*.

17. Describe *atherosclerosis* and include some risk factors that lead to this condition.

18. What is *angina pectoris* and what is the most likely treatment for this?

19. Name the 4 structures in the wall of the heart that make the atria and ventricles contract.

20. What is *dysrhythmia*? (include the more common name that is associated with it)

21. What is *fibrillation* and what does it cause? What is *defibrillation*?

22. What is *cardiomyopathy* and *cardiac heart failure*?