

IA 2 Question Bank
Human Anatomy & Physiology

PART A

1. Classify the different types of bones based on their shape.
2. Point out the three basic functions of Muscular systems
3. Define the term Blood Plasma with its major components
4. Recall Cardiac Cycle
5. Name the two nerves which involves in regulating heart rate.
6. Give the relationship between muscle function and bones
7. State the function of Cartilage and Hyaline
8. Outline the importance of heart valves
9. Assume you are viewing a blood vessel under the microscope. It has a large, lopsided lumen, relatively thick tunica externa, thin tunica media and valves. Which kind of blood vessel is this?
10. List out the factors regulating blood flow
11. Why do bone injuries heal much more rapidly than injuries to cartilage?
12. Classify the types of muscles and mention its key feature.
13. Identify two muscles that insert into the calcaneal tendon and what movement do they effect?
14. Examine the difference between the structure of compact bone and the spongy bone.
15. How do the movements promoted by skeletal muscle differ from those promoted by smooth or cardiac muscle?
16. Write about the systole and diastole phases of heart.
17. Specify that how fever helps in protecting the body.
18. Interpret different ways in which antibodies act against antigens.
19. State all or none law.
20. Compare how the function of the systemic circulation differ from that of the pulmonary circulation?

Part B

1. Different stages of Fracture healing
2. Types of bone with respect to their function in the human body.
3. Joints and its types
4. Types of muscular system
5. ECG
6. Cardiac Cycle
7. Cardiovascular Circulation
8. Identify Blood Grouping
9. Composition of blood and its function
10. Heart sound