

Cardiovascular system (CVS)

1. What are the components of CVS?

- a. Heart
- b. Blood vessels
- c. Blood
- d. Lymphatic system

2. What are the different layers of heart?

Layers	Description
Endocardium	
Myocardium	
Epicardium	
Visceral peri/c	
Parietal peri/c	

3. Layers of blood vessels

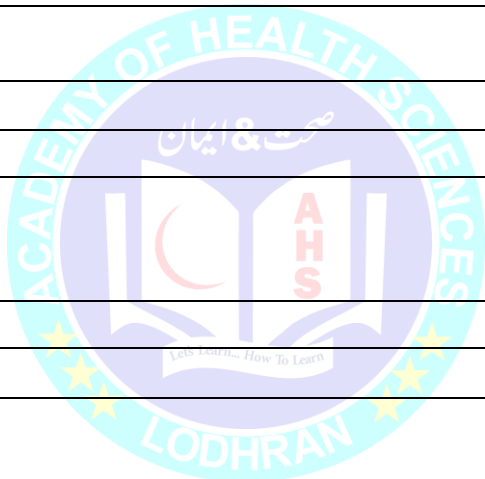
	Tunica adventitia	Elastic tissue	T. media	T. intima
Arteries				
Capillaries				
Veins				

4. What are the main components of lymphatic system

Parts	Description
Tissue/extracellular/interstitial fluid	
Lymph capillaries	
Lymph	
Lymphatic ducts/lymphatics	
Lymph nodes	
Spleen	

5. What are the main components of the heart?

Major parts	Components	Description
Rt. atrium	Superior vana cava	
	Inferior vana cava	
	Coronary sinus	
	Tricuspid valve	
	Atrial spetum	
	Atrioventricular septum	
Conducting system	SA node	
	AV node	
	Bundle of Hiss	
	Purkinjee fibers	
Rt. Ventricle	Chordae tendonae	
	Papillary muscles	
	Pulmonary valve/Rt.semilunar	
	Pulmonary artery	
Lt. atrium	Pulmonary veins	
	Bicuspid/mitral valve	
Lt. ventricle	Aortic valve	
	Aorta	
	Inter ventricular septum	



6. Explain blood.

Components		Description		
Plasma	Serum			
	Clotting factors			
Cells	Platelets			
	RBCs			
	WBCs	Granulocyte	Neutrophils	
			Basophils	
			Eosinophils	
	Agranulocyte	Monocyte		
		Lymphocytes		

