

1. Right atrium, deoxygenated
2. Right ventricle, deoxygenated
3. Left atrium oxygenated
4. Left ventricle, oxygenated
5. Right atrium
6. Right ventricle
7. Fibrous pericardium
8. Serous pericardium
9. Parietal layer
10. Visceral layer
11. Pericardial
12. Transverse sinus
13. Oblique sinus
14. Bicuspid valve between the left atrium and left ventricle. It has 2 cusps.
15. Tricuspid valve between the right atrium and the right ventricle. It has 3 cusps.
16. Aortic valve at the origin of the ascending aorta. It has 3 cusps.
17. Pulmonary valve at the origin of the pulmonary trunk. It has 3 cusps.
18. To ensure unidirectional blood flow
19. Chordae tendineae
20. Papillary
21. Pectinate muscles
22. Fossa ovalis, foramen ovale
23. Trabeculae carneae
24. Ascending aorta
25. Aortic sinuses
26. Right marginal artery
27. Posterior interventricular artery
28. Circumflex artery
29. Anterior interventricular artery
30. Sympathetic
31. Parasympathetic
32. Aorta arises from the left ventricle. It carries oxygenated blood.
33. Pulmonary trunk arises from the right ventricle. It carries deoxygenated blood.
34. Pulmonary veins drain into the left atrium. They carry oxygenated blood.
35. Superior vena cave drains into the right atrium. It carries deoxygenated blood.
36. Inferior vena cave drains into the right atrium. It carries deoxygenated blood.
37. Left subclavian artery, left common carotid artery, brachiocephalic trunk. The left subclavian artery supplies the left upper limb. (The common carotid supplies the head; the brachiocephalic trunk divides into the right subclavian and right common carotid.)
38. The trunk and the lower body such as liver, kidney, lower limbs, etc.
39. Upper body such as head, neck, upper limbs
40. The left ventricle
41. Endocardium, myocardium and epicardium. Myocardium is the thickest layer, it is made of the cardiac muscles.
42. Visceral pericardium (aka epicardium), parietal pericardium, fibrous pericardium.

Pericardial fluid fills the pericardial cavity formed between the visceral and parietal pericardium.

43. Pulmonary circuit – delivers deoxygenated blood from the right ventricle to the lungs for oxygenation and sends oxygenated blood to the left heart. Systemic circuit – delivers

oxygenated blood from the left heart to the systemic circulation and return deoxygenated blood to the right heart.

44. Internal jugular vein  
45. Left atria  
46. Pulmonary trunk/pulmonary arteries