

Chapter – 15 | Body Fluids and Circulation**QUIZ
PART-07**

1. Blood circulation in humans is called double circulation because blood passes through the heart:
- A. Once B. Twice
C. Thrice D. Four times (B)

Explanation : In one complete circulatory cycle, blood passes through the heart two times.

2. Pulmonary circulation occurs between the:
- A. Heart and lungs
B. Heart and kidney
C. Liver and intestine
D. Brain and heart (A)

Explanation : Pulmonary circulation carries blood from the heart to the lungs and back to the heart.

3. Pulmonary artery carries:
- A. Oxygenated blood from lungs to left atrium
B. Deoxygenated blood from right ventricle to lungs
C. Oxygenated blood from left ventricle to body
D. Deoxygenated blood from body to right atrium (B)

Explanation : Pulmonary artery carries deoxygenated blood from the right ventricle to the lungs.

4. Pulmonary vein carries blood from:
- A. Right ventricle to lungs
B. Lungs to left atrium
C. Left ventricle to body
D. Body to right atrium (B)

Explanation : Pulmonary vein brings oxygenated blood from the lungs to the left atrium.

5. The correct pathway of pulmonary circulation is:
- A. Left ventricle → Aorta → Body → Vena cava
B. Right ventricle → Pulmonary artery → Lungs → Pulmonary vein → Left atrium
C. Left atrium → Pulmonary artery → Lungs → Right atrium
D. Right atrium → Aorta → Body → Left ventricle (B)

Explanation : Pulmonary circulation starts from the right ventricle and ends at the left atrium.

6. Systemic circulation carries oxygenated blood from the:
- A. Right ventricle to lungs
B. Left ventricle to body
C. Lungs to right atrium
D. Liver to intestine (B)

Explanation : In systemic circulation, the aorta carries oxygenated blood from the left ventricle to body tissues.

7. Deoxygenated blood from the body returns to the heart through:
- A. Pulmonary vein
B. Aorta
C. Vena cava
D. Pulmonary artery (C)

Explanation : Vena cava brings deoxygenated blood from body parts to the right atrium.

8. The innermost layer of an artery or vein is called:
- A. Tunica externa
B. Tunica media
C. Tunica intima
D. Pericardium (C)

Explanation : Tunica intima is the inner lining made of squamous endothelium.

9. Hepatic portal system carries blood from the alimentary canal to the:
- A. Kidney
B. Liver
C. Lungs
D. Brain (B)

Explanation : The hepatic portal system collects blood from the alimentary canal and brings it to the liver.

10. Coronary circulation supplies blood to and from the:
- A. Heart muscles
B. Lungs only
C. Kidney only
D. Alimentary canal (A)

Explanation : Coronary circulation is the special circulation of blood to and from the heart muscle.