

Chapter – 15 | Body Fluids and Circulation**QUIZ
PART-05**

1. The human circulatory system is also called:

- A. Nervous system
- B. Blood vascular system
- C. Digestive system
- D. Lymphatic system (B)

Explanation : The human circulatory system is also known as the blood vascular system.

2. The human heart originates from:

- A. Ectoderm
- B. Endoderm
- C. Mesoderm
- D. Epidermis (C)

Explanation : The heart develops from the mesoderm.

3. The human heart is located in the:

- A. Abdominal cavity
- B. Cranial cavity
- C. Thoracic cavity
- D. Pelvic cavity (C)

Explanation : The heart is present in the thoracic cavity, slightly tilted to the left.

4. The heart is protected by a double-walled covering called:

- A. Peritoneum
- B. Pericardium
- C. Pleura
- D. Perineurium (B)

Explanation : The heart is enclosed by a double-walled pericardium with pericardial fluid.

5. The human heart has:

- A. Two chambers
- B. Three chambers
- C. Four chambers
- D. Five chambers (C)

Explanation : The human heart has four chambers: two atria and two ventricles.

6. The right and left atria are separated by:

- A. Interatrial septum
- B. Interventricular septum
- C. Pericardium
- D. Pulmonary valve (A)

Explanation : The interatrial septum separates the right and left atria.

7. The valve between the right atrium and right ventricle is:

- A. Mitral valve
- B. Tricuspid valve
- C. Aortic valve
- D. Pulmonary valve (B)

Explanation : The tricuspid valve is present between the right atrium and right ventricle.

8. The valve between the left atrium and left ventricle is:

- A. Tricuspid valve
- B. Pulmonary valve
- C. Mitral valve
- D. Semilunar valve (C)

Explanation : The mitral or bicuspid valve is present between the left atrium and left ventricle.

9. Which part of the heart is called the pacemaker?

- A. AV node
- B. SA node
- C. Bundle of His
- D. Purkinje fibres (B)

Explanation : The SA node initiates rhythmic heart contractions, so it is called the pacemaker.

10. Normal average human heart rate is about:

- A. 52 beats per minute
- B. 62 beats per minute
- C. 72 beats per minute
- D. 92 beats per minute (C)

Explanation : The average normal heart rate is about 72 beats per minute.