

Human Circulatory System Trivia: Questions, Answers, and Facts Printable Trivia Pack

Human Circulatory System trivia brings the science of how blood moves through the body into a lively quiz format. From the central role of the heart to the pathways that deliver oxygen and nutrients, it offers a factual, engaging way to test what you know and learn a little more along the way.

HARD HUMAN CIRCULATORY SYSTEM TRIVIA

1. Who published a description of blood circulation in 1628?

Answer: William Harvey

2. Which scientist used a microscope to describe capillaries in 1661?

Answer: Marcello Malpighi

3. Who performed a self-catheterization of his own heart in 1929?

Answer: Werner Forssmann

4. Which physician helped develop the Blalock-Thomas-Taussig shunt in 1944?

Answer: Helen Brooke Taussig

5. In fetal circulation, what opening normally allows blood to pass from the right atrium to the left atrium?

Answer: The foramen ovale

6. What fetal vessel connects the pulmonary artery to the aorta?

Answer: The ductus arteriosus

7. Which vein carries nutrient-rich blood from the digestive tract to the liver?

Answer: The hepatic portal vein

8. What is the name of the arterial ring at the base of the brain?

Answer: The Circle of Willis

9. What is the first major branch of the aortic arch?

Answer: The brachiocephalic trunk

10. Which trunk is a major branch of the abdominal aorta?

Answer: The celiac trunk

11. What structure drains venous blood from the heart muscle into the right atrium?

Answer: The coronary sinus

12. Which muscular band is found in the right ventricle?

Answer: The moderator band

13. In most people, the sinoatrial node is usually supplied by which artery?

Answer: The right coronary artery

14. What separates the two ventricles from each other?

Answer: The interventricular septum

FUNNY HUMAN CIRCULATORY SYSTEM TRIVIA

1. What is the name of the heart's own blood supply network, proving the heart doesn't work for free?

Answer: Coronary circulation

2. Before it splits left and right, what vessel exits the right ventricle first?

Answer: The pulmonary trunk

3. Which valve has the secret alias "bicuspid valve"?

Answer: The mitral valve

4. How many leaflets does the tricuspid valve have, just as the name hints?

Answer: Three leaflets

5. How many leaflets are normally found on the mitral valve?

Answer: Two leaflets

6. What string-like structures anchor atrioventricular valve leaflets inside the ventricles?

Answer: Chordae tendineae

7. Which muscles help keep atrioventricular valves from prolapsing during contraction?

Answer: Papillary muscles

8. Who usually acts as the heart's natural drummer and sets the pace?

Answer: The SA node

9. Which node hits the electrical brakes briefly before the signal enters the ventricles?

Answer: The AV node

10. What structure carries impulses from the AV node toward the ventricles?

Answer: The Bundle of His

11. Which fibers rapidly spread electrical signals through the ventricles?

Answer: Purkinje fibers

12. What is the sac around the heart called, like a snug travel case?

Answer: The pericardium

13. Which layer forms the muscular middle of the heart wall?

Answer: The myocardium

FUN HUMAN CIRCULATORY SYSTEM TRIVIA

1. About how many times does an adult human heart beat in a day?

Answer: About 100,000 times per day

2. An adult heart is roughly the size of what?

Answer: A clenched fist

3. About how much blood does a typical adult body contain?

Answer: About 5 liters

4. What resting heart-rate range is commonly given for adults?

Answer: 60 to 100 beats per minute

5. The classic "lub" of a heartbeat is known by what label?

Answer: S1

6. The "dub" sound in a heartbeat is called which heart sound?

Answer: S2

7. Which chamber has the thickest wall?

Answer: The left ventricle

8. Is the heart centered exactly on the body's midline or slightly off to one side?

Answer: Slightly left of midline

9. What is the name of the route between the heart and the lungs?

Answer: The pulmonary circuit

10. Which is usually darker red: oxygenated blood or deoxygenated blood?

Answer: Deoxygenated blood

11. Roughly how many red blood cells does the average adult have?

Answer: About 20 to 30 trillion

12. How long do red blood cells usually live?

Answer: About 120 days

13. What is the usual survival time of platelets in the bloodstream?

Answer: About 7 to 10 days

HUMAN CIRCULATORY SYSTEM FAMILY TRIVIA

1. Which chamber sends blood onward to the lungs?

Answer: The right ventricle

2. What chamber receives oxygen-rich blood arriving from the lungs?

Answer: The left atrium

3. Which vessels bring oxygen-rich blood from the lungs back to the heart?

Answer: Pulmonary veins

4. What large veins empty into the right atrium?

Answer: The venae cavae

5. Which major vein returns blood from the head, neck, and upper body?

Answer: The superior vena cava

6. Which large vein carries blood back from the lower body?

Answer: The inferior vena cava

7. What structure divides the right and left sides of the heart?

Answer: The septum

8. Which valve sits between the right atrium and right ventricle?

Answer: The tricuspid valve

9. Which valve lies between the left atrium and left ventricle?

Answer: The mitral valve

10. Which valve is positioned between the right ventricle and the pulmonary artery?

Answer: The pulmonary valve

11. Which valve is found between the left ventricle and the aorta?

Answer: The aortic valve

12. What is the name of the phase when the ventricles contract?

Answer: Systole

EASY HUMAN CIRCULATORY SYSTEM TRIVIA

1. How many chambers does the human heart have?

Answer: Four chambers

2. Which blood vessels generally carry blood away from the heart?

Answer: Arteries

3. What kind of blood vessels carry blood toward the heart?

Answer: Veins

4. Which vessels are the smallest in the body?

Answer: Capillaries

5. Name the body's largest artery.?

Answer: The aorta

6. Which chamber receives blood returning from the body?

Answer: The right atrium

7. Which heart chamber pumps oxygen-rich blood into the aorta?

Answer: The left ventricle

8. What vessel carries blood from the heart to the lungs?

Answer: The pulmonary artery

9. Which blood cells carry oxygen using hemoglobin?

Answer: Red blood cells

10. What is another name for white blood cells?

Answer: Leukocytes

11. What blood component helps the blood clot?

Answer: Platelets

12. What is the liquid portion of blood called?

Answer: Plasma

13. In which body cavity is the heart located?

Answer: The thoracic cavity

Source: <https://triviagong.com/themes/human-circulatory-system>