

What is the main artery that supplies oxygenated blood to the heart muscle

- A. Pulmonary artery
- B. Coronary artery
- C. Aorta
- D. Carotid artery

Answer: B. Coronary artery

What are the two main branches of the coronary arteries

- A. Left and right arteries
- B. Main and secondary arteries
- C. Left and lateral arteries
- D. Left main coronary artery and right coronary artery

Answer: D. Left main coronary artery and right coronary artery

What is the purpose of the coronary circulation system

- A. To aid in digestion
- B. To regulate blood pressure
- C. To supply oxygen and nutrients to the heart muscle
- D. To maintain body temperature

Answer: C. To supply oxygen and nutrients to the heart muscle

What is the term for the network of blood vessels that supply the heart muscle with oxygen

- A. Heart network

- B. Cardiac vessels
- C. Blood highway
- D. Coronary circulation

Answer: D. Coronary circulation

What is the name of the main vein that collects deoxygenated blood from the heart muscle?

- A. Aorta
- B. Coronary sinus
- C. Pulmonary vein
- D. Carotid artery

Answer: B. Coronary sinus

What is the name of the condition that occurs when the coronary arteries become narrowed or blocked?

- A. High blood pressure
- B. Pneumonia
- C. Heart attack
- D. Coronary artery disease

Answer: D. Coronary artery disease

What is the name of the procedure used to open blocked coronary arteries?

- A. Angioplasty
- B. Heart surgery
- C. Stent placement
- D. Bypass surgery

Answer: A. Angioplasty

What is the role of the coronary sinus in coronary circulation

- A. The coronary sinus regulates blood pressure in the heart.
- B. The coronary sinus supplies oxygenated blood to the heart muscle.
- C. The coronary sinus transports blood to the left ventricle.
- D. The coronary sinus returns deoxygenated blood from the heart muscle to the right atrium.

Answer: D. The coronary sinus returns deoxygenated blood from the heart muscle to the right atrium.

What is the name of the artery that runs along the surface of the heart and supplies it

- A. Carotid artery
- B. Pulmonary artery
- C. Aorta
- D. Coronary artery

Answer: D. Coronary artery

What is the function of collateral circulation in the coronary arteries

- A. To remove waste products from the heart
- B. To deliver oxygen to the muscles
- C. To provide an alternative route for blood flow in case of a blockage
- D. To regulate blood pressure in the heart

Answer: C. To provide an alternative route for blood flow in case of a blockage

What is the name of the main artery that branches off the aorta and supplies blood to the heart?

- A. Aortic artery
- B. Left coronary artery
- C. Right coronary artery
- D. Pulmonary artery

Answer: B. Left coronary artery

What is the term for the small blood vessels that connect the smallest arteries to the smallest veins?

- A. Arterioles
- B. Veins
- C. Venules
- D. Capillaries

Answer: D. Capillaries

What is the purpose of the coronary arteries?

- A. To supply oxygen-rich blood to the heart muscle
- B. To transport waste products away from the heart
- C. To aid in digestion
- D. To regulate blood pressure in the body

Answer: A. To supply oxygen-rich blood to the heart muscle

What is the name of the condition characterized by a buildup of fatty deposits in the arteries?

- A. Heart attack

- B. Hypertension
- C. Coronary artery disease
- D. High cholesterol

Answer: C. Coronary artery disease

What is the name of the artery that runs along the surface of the heart and supplies it?

- A. Aorta
- B. Right coronary artery
- C. Left coronary artery
- D. Pulmonary artery

Answer: B. Right coronary artery

What is the term for the blood vessels that supply the heart muscle with oxygen and nutrients?

- A. Cardiac veins
- B. Pulmonary arteries
- C. Coronary arteries
- D. Heart vessels

Answer: C. Coronary arteries

What is the name of the condition in which the coronary arteries spasm and constrict?

- A. Prinzmetal angina
- B. Hypertension
- C. Heart attack
- D. Atherosclerosis

Answer: A. Prinzmetal angina

What is the role of the coronary arteries in maintaining a healthy heart

- A. Aid in digestion
- B. Supply oxygen-rich blood to the heart
- C. Produce red blood cells
- D. Regulate blood pressure

Answer: B. Supply oxygen-rich blood to the heart

What is the name of the artery that branches off the aorta and supplies blood to the heart

- A. Aorta artery
- B. Pulmonary artery
- C. Left coronary artery
- D. Right coronary artery

Answer: D. Right coronary artery

What is the name of the condition in which the coronary arteries become inflamed and narrowed

- A. High blood pressure
- B. Atherosclerosis
- C. Heart attack
- D. Coronary artery disease

Answer: D. Coronary artery disease

