

The Circulatory System Lab Work Sheet

Chapter 20 / Saladin

1. To get from the subclavian artery to the brachial artery, blood must flow through
 - A) the axillary artery.
 - B) the deep brachial artery.
 - C) the brachiocephalic artery.
 - D) the ulnar artery.
 - E) the radial artery.

2. The human body has only one ____ but has two of each of the rest of these vessels.
 - A) median cubital vein
 - B) brachiocephalic artery
 - C) brachiocephalic vein
 - D) common iliac vein
 - E) anterior communicating artery

3. The human body has only one ____ but has two of each of the rest of these vessels.
 - A) inferior phrenic artery
 - B) superior mesenteric artery
 - C) gastroepiploic artery
 - D) femoral artery
 - E) plantar arch

4. The muscles between the ribs are supplied by the anterior and posterior
 - A) subclavian arteries.
 - B) phrenic arteries.
 - C) thoracic arteries.
 - D) thoracoacromial arteries.
 - E) intercostal arteries.

5. Most blood from the brain flows down the internal jugular veins and then into
 - A) the external jugular veins.
 - B) the vertebral veins.
 - C) the superior vena cava.
 - D) the subclavian veins.
 - E) the brachiocephalic veins.

6. How many pulmonary arteries empty into the right atrium of the heart?
 - A) none
 - B) one
 - C) two
 - D) four
 - E) six

7. The anterior and posterior communicating arteries are found in
- A) the neck.
 - B) the arterial circle (or circle of Willis).
 - C) branches of the celiac trunk.
 - D) the forearm.
 - E) the azygos-hemiazygos system.
8. The major deep veins of the forearm are the ____ on the medial side and the ____ on the lateral side, respectively.
- A) cephalic...basilic
 - B) basilic...cephalic
 - C) ulnar...radial
 - D) radial...ulnar
 - E) brachial...axillary
9. The posterior intercostal veins on the right side of the thoracic cage empty into
- A) the azygos vein.
 - B) the hemiazygos vein.
 - C) the inferior vena cava.
 - D) the superior vena cava.
 - E) the subclavian veins.
10. Which of the following arteries does not occur in the lower extremity?
- A) digital arteries
 - B) posterior tibial artery
 - C) medial plantar artery
 - D) peroneal artery
 - E) anterior interosseous artery
11. Which of the following veins does not occur in the upper extremity?
- A) cephalic vein
 - B) small saphenous vein
 - C) basilic vein
 - D) median antebrachial vein
 - E) ulnar vein
12. All of the following are supplied by the celiac trunk except for
- A) the superior mesenteric artery.
 - B) the splenic artery.
 - C) the left and right gastric arteries.
 - D) the hepatic artery.
 - E) the gastroduodenal artery.

- 13.** The last branch off the aortic arch is
- A)** the brachiocephalic artery.
 - B)** the coronary artery.
 - C)** the left subclavian artery.
 - D)** the left common carotid artery.
 - E)** the right common carotid artery.
- 14.** Near the elbow, the brachial artery branches and gives rise to
- A)** the radial and ulnar arteries.
 - B)** the deep brachial and radial recurrent arteries.
 - C)** the radial and radial recurrent arteries.
 - D)** the radial and anterior interosseous arteries.
 - E)** the ulnar artery and ulnar recurrent artery.
- 15.** In humans, there is no such thing as
- A)** a right common carotid artery.
 - B)** a left brachiocephalic artery.
 - C)** a left brachiocephalic vein.
 - D)** a right subclavian vein.
 - E)** a right brachiocephalic artery.
- 16.** Immediately lateral to the eyebrow, you can palpate the pulse of
- A)** the external carotid artery.
 - B)** the ophthalmic artery.
 - C)** the hemiazygos artery.
 - D)** the facial artery.
 - E)** the superficial temporal artery.
- 17.** Which of these is not below the knee?
- A)** the medial plantar artery
 - B)** the obturator artery
 - C)** the small saphenous vein
 - D)** the anterior tibial vein
 - E)** the dorsalis pedis artery
- 18.** The hepatic portal vein receives blood from all of the following except
- A)** the splenic vein.
 - B)** the superior mesenteric vein.
 - C)** the pancreatic vein.
 - D)** the hepatic veins.
 - E)** the gastroepiploic veins.

19. Which of the following is not a branch of the external carotid artery?

- A) the superficial temporal artery
- B) the ophthalmic artery
- C) the facial artery
- D) the occipital artery
- E) the superior thyroid artery

20. The two internal carotid arteries unite on the base of the brain to form

- A) the common carotid artery.
- B) the posterior communicating artery.
- C) the Willis artery.
- D) the obturator artery.
- E) the basilar artery.