

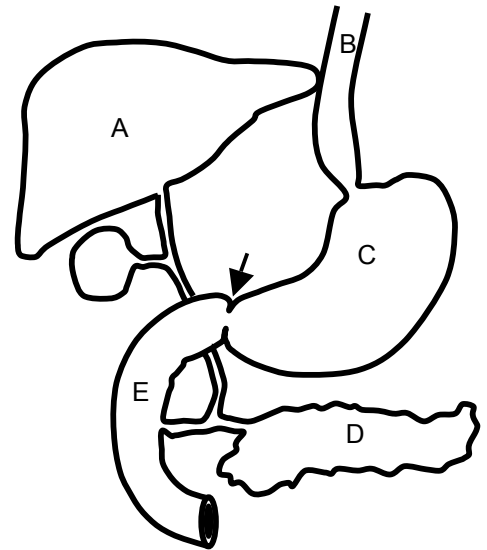
Name _____

Section # _____

Quiz E. Each question is worth 2 pts unless indicated otherwise.

Key: 1 C, 2 E, 3B, 4D, 5 E, 6 E, 7B, 8C, 9D, 10D, 11B, 12C, 13D, 14A.

The following questions refer to the diagram. Each question is worth 1 point. Bubble in the correct answer on your scantron. Answers may be used more than once, or not at all.



- 1) Contains parietal cells. _____
- 2) Stimulated by acid to secrete secretin. _____
- 3) Lined by stratified squamous epithelium _____
- 4) The secretion of gastric juice is stimulated by
 - A. circulating gastrin
 - B. sight of food
 - C. presence of food in the stomach
 - D. all of the above
 - E. none of the above
- 5) Epithelia serve a role in:
 - A. exchange
 - B. transport
 - C. protection
 - D. secretion
 - E. all of the above
- 6) All of the following are connective tissue types except
 - A. blood
 - B. bone
 - C. dense connective tissue
 - D. cartilage
 - E. elastin
- 7) A human red blood cell in an artery of the left arm is on its way to deliver oxygen to a cell in the thumb. From this point in the artery, how many capillary beds must this red blood cell pass through before it returns to the left ventricle of the heart?
 - A. one
 - B. two
 - C. three
 - D. four
 - E. five
- 8) Which of the following would result in a lower cardiac output?
 - A. epinephrine
 - B. increased firing of the SA node
 - C. acetylcholine

- D. stronger contractions of the ventricles
- E. B and D

Name _____

Section # _____

9) You inhale a breath. The inhaled air passes through which of the following last?

- A. bronchus
- B. larynx
- C. pharynx
- D. bronchiole
- E. trachea

10) The unique feature of birds that allows them to always breathe fresh air is the

- A. bronchi
- B. bronchioles
- C. spiracles
- D. parabronchi
- E. gizzard

11) The majority of CO₂ is transported in the blood

- A. by hemoglobin
- B. as HCO₃⁻
- C. in association with oxygen
- D. bound to heme iron
- E. bound to fetal hemoglobin.

12) The secretion of antibodies by lymphocyte plasma cells provides what is known as.

- A. cell-mediated immunity
- B. passive immunity
- C. humoral immunity
- D. permanent immunity
- E. legal immunity

13) Which of the following cells would lack both MHC I and MHC II?

- A. basophils
- B. macrophages
- C. T helper cells
- D. red blood cells
- E. monocytes

14) The receptor on a cytotoxic T cell interacts with what peptide-bound protein molecule on the antigen presenting cell (APC)?

- A. MHC Class I
- B. MHC Class II
- C. CD4
- D. CD8
- E. CD3