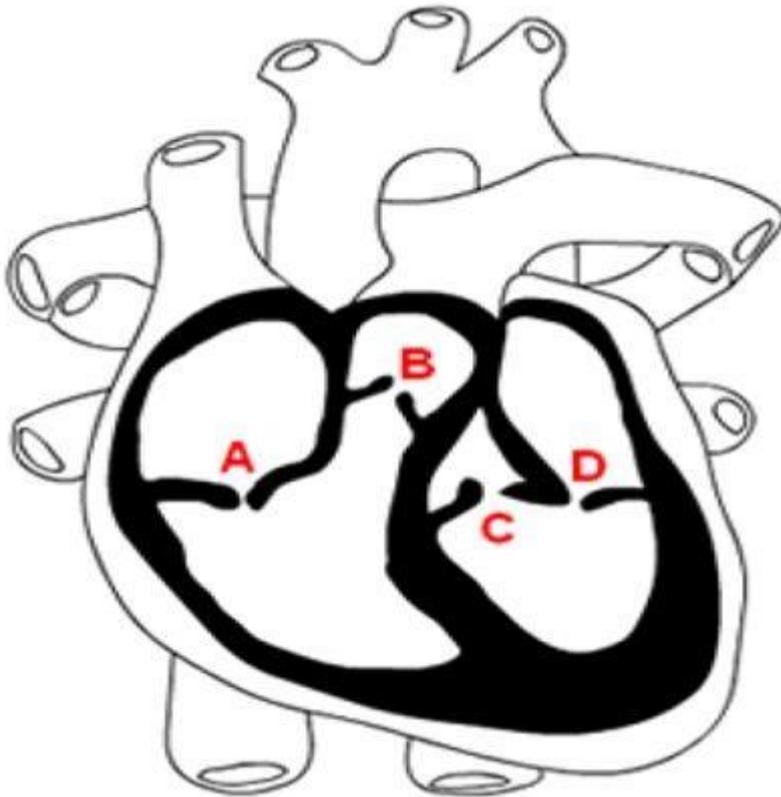


Sample Questions

Basic Biology

1. What happens in Hypoxic hypoxia?
 - a. The arterial pO_2 becomes 100 mm of Hg
 - b. The arterial pO_2 falls below 100 mm of Hg
 - c. The arterial pCO_2 becomes 30 mm of Hg
 - d. The arterial pCO_2 rises above 40 mm of Hg
2. Refer to the labeled parts of a human heart. Which of the following parts does 'B' signify?



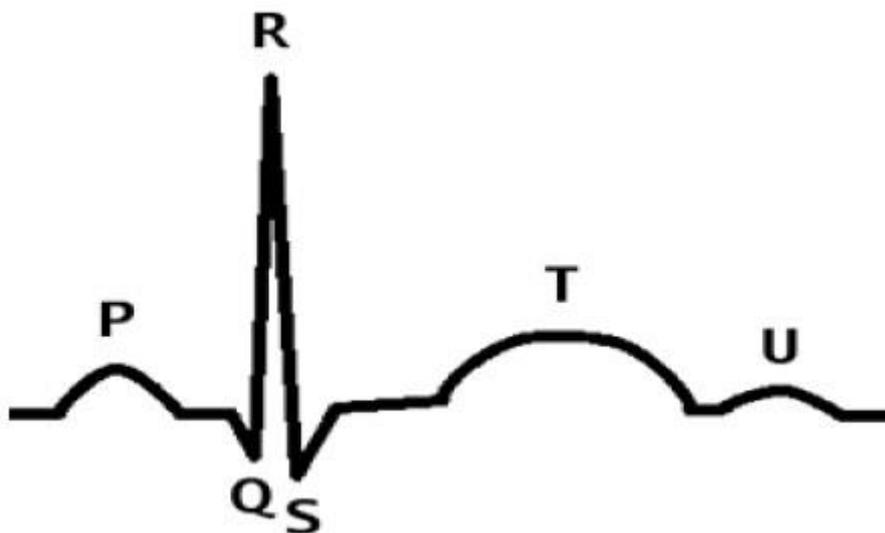
- a. Tricuspid valve
- b. Pulmonary semilunar valve
- c. Mitral valve
- d. Aortic valve

3. Martin was admitted to hospital with pancreatitis. He was recommended to take pancreatic enzyme as a supplement. How should the enzyme be consumed?

- a. It should be chewed with warm water.
- b. It should be mixed with juice and consumed.
- c. It should be administered intravenously after the meals
- d. It should be chewed with hot milk.

4. Refer to the ECG output shown in the image.

Which of the following conditions would lead to a QRS complex wave as shown in the electrocardiograph?



- a. Atrial depolarization
 - b. Ventricular depolarization
 - c. Atrial repolarization
 - d. Ventricular repolarization
5. A nurse needs to prepare a discharge teaching plan for a woman who underwent hysterectomy 2 days ago. Which of the following should she advise the woman to do?

- A. Perform light abdominal exercises
- B. Restrict strenuous physical activity
- C. Intake of a low-fat diet
- D. Use of oral contraceptives

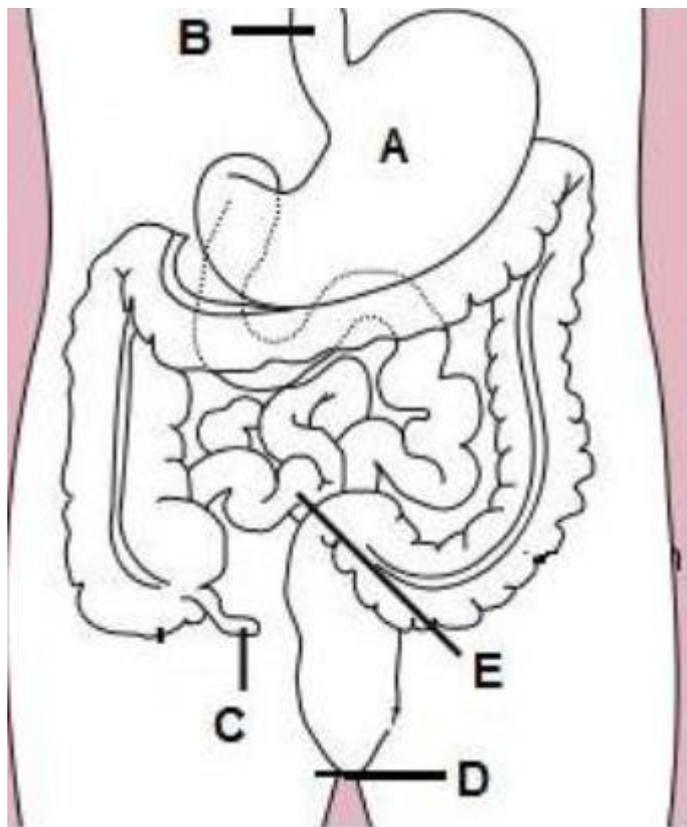
- a. Only A
- b. Only C
- c. B and D
- d. A, B and C

e. A, B, C and D

6. Peptic ulcer is caused by all of the following factors except _____.

- a. excessive use of non-steroidal anti-inflammatory drugs like aspirin
- b. bacterial infection by *Staphylococcus*
- c. action of digestive enzyme called amylase
- d. excessive secretion of vasoactive intestinal polypeptide

7. Identify the organ/part when inflamed is called appendicitis



a. A b. B c. C d. D e. E

8. Which of the following bones is a marker for various diseases and is also an important element in the primary diagnosis of brittle bone disease?

- a. Sutural bone
- b. Frontal bone
- c. Navicular bone
- d. Patella bone

9. Aaron suffered a serious head injury in an accident. On further investigation, the doctor found that his hippocampus was damaged. What could this result in?
- a. Emotional instability
 - b. Inability to build long term memory
 - c. Body imbalance
 - d. Decrease in body temperature