

RS- Biochemistry

Archive

Lecture 1

Medical card

Name _____

Date of b _____

Gender _____

Address _____

Date of call _____

Collected By :

Qasim El Shajrawi



1. Which value of K_a indicates more acidity?

- A) 2
- B) -1
- C) -2
- D) -3
- E) 1

Ans:A

2. Why is bicarbonate a good buffer for organic acids?

- a) Its pK_a is suitable for blood pH.
- b) It has a high concentration in the body.
- c) It can absorb excess heat.
- d) It is soluble in lipid

Ans:A

3. which of the following is false :

- A) 20% of CO_2 is transported by carbaminoHb.
- B) 10% of CO_2 is transported as dissolved in plasma.
- C) Carbonic anhydrase has reverse direction in the lung that forms CO_2 .
- D) Alkalosis is caused by CO_2 retention.
- E) 70% of CO_2 is transported as bicarbonate ions in the blood.

Ans:D

4. which of the following are true :

- A) pH more than pK_a means the buffer is more effective
- B) pH less than pK_a means the buffer is more effective
- C) in our blood plasma acid and base concentrations are equal
- D) pH close to pK_a means the buffer is more effective

Ans:D

5. Conjugate base :

- A. HPO_4^{2-}
- B. H_2O
- C. H_3PO_4
- D. H_3O^+

Ans: A