# RS- Biochemistry


## Archive

## Lecture 3

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## Lecture 3

**increase affinity between HB and o2?**

A-CO poisoning
B- low ph
C- high H proton

**Ans:A**

**one is false?**

- H+ bind to Hb increasing affinity to O2.
- co2 binding to Hb decreasing affinity to O2
- high PH will increase the affinity to O2.

**Ans:A**

**Hb o2 curve shifted left in?**

- Decreased 2,3-DPG. **
- high 2,3-DPG.
- high CO2.

**Ans:A**

**hb o2 curve shifted left in?**

A- Co poisioning.
B- increased Co.

**Ans:A**

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**co shifted right in?**

A-Exercise.
B-decreased CO.
C-increase affinity to O2

Ans:A

**which of the following about buffer are true:**

A) 20% of CO2 is transported by carbaminoHb.
B) 10% of CO2 is transported as dissolved in plasma. **
C) Carbonic anhydrase has reverse direction in the lung that forms CO2.
D) Acidosis is caused by CO2 retention.
E) 70% of CO2 is transported as bicarbonate ions in the blood.

Ans:B

**In high altitude?**

A)o2 tension decrease
B)induce hyperventilation
C) stimulation of 2,3 DPG synthesis
D)acidosis
E)unloading oxygen
F)All of above

Ans:F