

EXAM 3: STUDY GUIDE NOTES

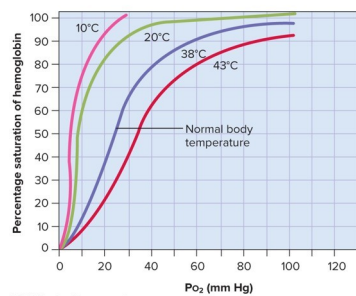
OXYGEN AFFINITY CURVES: look at the normal curve (blue) left shift or right shift

Left shift greater hemoglobin capacity left shift caused by temperature

Right shift binding oxygen reduced

FIG 22. 26

Effects of Temperature on Oxyhemoglobin Dissociation



(a) Effect of temperature

Figure 22.26a

Carbon monoxide competes with oxygen to binding site has greater affinity and shifts to the right. Ability to bind to hemoglobin is more than oxygen. Higher affinity delivered to tissue can't do anything because it is not

WRITE ABOUT 3 FOR ESSAY including right/left shift: pH, temperature, fetal hemoglobin.

Flu vaccine

Describe 3 variables that affect the oxygen affinity of hemoglobin curves

CALCULATE MINUTE VENTILATION: TD

Know the definitions of internal respiration, external respiration, ventilation, and cardiac output

MATCHING QUESTION

PICTURE RESPIRATORY VOLUMES AND CAPACITIES

- LABEL GRAPH FIGURE 22.17b

WHICH IS THE CELL THAT IS ATTACKED IN HIV? HELPER T CELLS

KNOW THE DIFFERENCES IN COMPOSITION BETWEEN LYMPH AND INTERSTITIAL FLUID

KNOW ALL THE ORGANS OF THE IMMUNE SYSTEM

KNOW THE 2 LAYERS OF MEMBRANES COVER THE LUNGS?