

NSC203

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1. 2,3-Disphosphoglycerate is created in which cell?

--->> Erythrocytes

Lymphocyte

Macrophage

Glial cells

2. Carbon dioxide affects oxygen-hemoglobin curve in how many ways?

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--->> 2

None of the options

3. What percentage of CO₂ in the blood is transported as carbamino compound?

Twenty percent

--->> Thirty percent

Fifty percent

Fifty-three percent

4. Haemoglobin binds with carbon dioxide more readily than oxygen how many times?

50-70 times

90-100 times

--->> 200-250 times

300-450 times

5. What is PCO₂ in the arterial blood?

60 mmHg

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50 mmHg

--->> 40 mmHg

6. When CO₂ enters the brain and CSF, it is hydrated to form what?

HCO₃

--->> H₂ CO₃

HCO

H₂CO₂

7. When HCO₃ moves out of the cell, which ion replaces it so as to maintain electrical neutrality?

Sodium ion

--->> Chloride ion

Potassium ion

Hydrogen ion

8. Aortic body has which nerve has its afferent nerve?

--->> Vagus nerve

Phrenic nerve

Intercostal nerve

Radial nerve

9. What are the three substances involved in respiration?

Na, CO₂, P

Cl, CO₂ H

--->> CO₂, H, O₂

CO₂, H, Na

10. The control of breathing can be divided into how many major broad groups?

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