



أيها المرابطون الصابرون



أولم الله،
حفظكم الله،
نصركم الله،
تبتكم الله،
أيديكم الله..

قبل ما تبلىشوا صلوا على رسول الله

وادعوا لأهلنا في غزة 🇸🇵🇸🇵🇸🇵🇸

1. Who has more affinity to Oxygen between Hemoglobin & Myoglobin:

- A. Hemoglobin
- B. Myoglobin
- C. They have the same affinity to Oxygen

2. What is the enzyme essential for normal carbon dioxide transport by the blood and its location?

- A. Carbonic dismutase - RBCs
- B. Carbonic anhydrase - RBCs
- C. Carbonic synthetase - Plasma

3. What is the primary form in which carbon dioxide is transported in the blood?

- A. Dissolved
- B. Bicarbonate
- C. Attached to hemoglobin

وَقُلْ رَبِّ زِدْنِي عِلْمًا



4. Which factor causes the oxyhemoglobin dissociation curve to shift to the right?

- A. Decreased CO₂ and H⁺ concentration
 - B. Increased CO₂ and H⁺ concentration
 - C. Decreased 2,3-DPG concentration
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5. How does the Haldane effect influence CO₂ transport?

- A. It increases CO₂ binding to hemoglobin in the lungs.
 - B. It decreases CO₂ release from hemoglobin in the tissues.
 - C. It increases CO₂ release from hemoglobin
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6. What is the function of 2,3-DPG in the oxygen-hemoglobin dissociation curve?

- A. It decreases oxygen release from hemoglobin in the tissues.
- B. It increases oxygen affinity for hemoglobin in the lungs.
- C. It decreases oxygen binding to hemoglobin in the lungs.



Answers

اللهم صلِّ وسلم وبارك على محمد وعلى آلِهِ وأصحابِهِ أجمعين

1. B. Myoglobin
2. B. Carbonic anhydrase - RBCs
3. B. Bicarbonate
4. B. Increased CO₂ and H⁺ concentration
5. C. It increases CO₂ release from hemoglobin in the lungs.
6. A. It decreases oxygen release from hemoglobin in the tissues.

سبحان الله ونحمده

سبحان الله العظيم

وَقُلْ رَبِّ زِدْنِي عِلْمًا

