

VERY SHORT ANSWER Type Questions

| 1 Mark |

1. What is the amount of CO_2 supplied to the alveoli through every 100 mL of deoxygenated blood?
2. What is the other name for chloride shift?
3. Name the medullary respiratory centres.
4. Where are chemoreceptors located?
5. Write the cause of respiratory disorder emphysema.
6. Where is pneumotaxis centre located?

SHORT ANSWER Type I Questions

| 2 Marks |

7. What does the right and left shift of oxygen haemoglobin dissociation curve indicate?
8. List the factors affecting the binding of CO_2 and Hb.
9. Why is the reaction for diffusion of CO_2 faster in RBCs?

SHORT ANSWER Type II Questions

| 3 Marks |

10. Discuss the transport of O_2 in blood.
11. What happens to the oxygen dissociation curve in (i) Alveoli? (ii) Tissues?
12. What is the crucial role of Bohr effect?

LONG ANSWER Type Questions

| 5 Marks |

13. What are the major transport mechanism for gases in humans? Explain.
14. Explain the neural control of respiration.
15. Explain various disorders of respiratory system. Also describe artificial respiration.