

### VERY SHORT ANSWER Type Questions

1. What is diffusing capacity?
2. What is respiratory capacity?
3. What is (RV + ERV)?

### SHORT ANSWER Type I Questions

4. How is the inspired air conditioned in man?
5. Distinguish between inspiratory capacity and expiratory capacity?
6. How does partial pressure help in gaseous exchange during respiration?

### SHORT ANSWER Type II Questions

7. How is expiration carried out under normal physiological conditions?
8. Explain the different respiratory capacities.
9. How does exchange of gases take place in the alveoli of lungs?

### LONG ANSWER Type Questions

10. Write detailed account of exchange of gases ( $O_2/CO_2$ ) in lungs and tissues of the body.