

## BIOLOGY

71. Chloride shift occurs during the  
[NCERT XI Pg. No. 275]  
(1) transportation of oxygen in blood  
(2) transportation of glucose in blood  
(3) transportation of CO in WBC  
(4) transportation of CO<sub>2</sub> in plasma
72. Asthma is a respiratory disorder related to -  
[NCERT XI Pg. No. 275]  
(1) Nasal passage and chamber  
(2) Trachea and Larynx  
(3) Bronchi and Bronchioles  
(4) Alveolar ducts and sacs
73. Name the chronic disorder in which alveolar walls are damaged due to which respiratory surface is decreased  
[NCERT XI Pg. No. 275]  
(1) Asthma (2) Pneumonia  
(3) Lung cancer (4) Emphysema
74. Long exposure to dust of stone grinding, breaking etc., may lead to -  
[NCERT XI Pg. No. 275]  
(1) Asthma (2) Emphysema  
(3) Fibrosis (4) Cystic fibrosis
75. The enzyme facilitating the reaction  
 $\text{CO}_2 + \text{H}_2\text{O} \rightarrow \text{H}_2\text{CO}_3$  is present in -  
[NCERT XI Pg. No. 275]  
(1) RBC and plasma  
(2) RBC only  
(3) Plasma only  
(4) RBC and WBC
76. Vital capacity [NCERT XI Pg. No. 272]<sup>1</sup>  
(1) maximum volume of air a person can breathe out after a normal inspiration  
(2) maximum volume of air a person can breathe out after a forced expiration  
(3) maximum volume of air a person can breathe in after a forced inspiration  
(4) maximum volume of air a person can breathe out after a forced inspiration
77. % of Carbamino-haemoglobin in deoxygenated blood in normal condition  
[NCERT XI Pg. No. 274]  
(1) 70 (2) 10-15  
(3) 20-25 (4) 6-8
78. Lesser H<sup>+</sup> concentration and lower temperature shifts the O<sub>2</sub> dissociation curve to - [NCERT XI Pg. No. 274]  
(1) Right  
(2) Left  
(3) Remains unaltered  
(4) Cannot be determined
79. Every 100 mL of oxygenated blood can deliver around \_\_\_ mL of O<sub>2</sub> to the tissues under normal physiological conditions.  
[NCERT XI Pg. No. 274]  
(1) five (2) ten  
(3) one (4) hundred
80. Binding of oxygen with haemoglobin is primarily related to -  
[NCERT XI Pg. No. 274]  
(1) pO<sub>2</sub> (2) pCO<sub>2</sub>  
(3) pHb (4) pCO