

# BIOLOGY

11. \_\_\_\_\_ reduces friction on the lung surface  
[NCERT XI Pg. No. 269]  
(1) Inner membrane  
(2) Outer membrane  
(3) Pleural fluid  
(4) Ribs
12. Thoracic chamber on the lower side is covered by—  
[NCERT XI Pg. No. 270]  
(1) Ribs  
(2) Sternum  
(3) Diaphragm  
(4) Vertebral column
13. The maximum volume of air a person can breathe in after a forced expiration is indicated by  
[NCERT XI Pg. No. 272]  
(1) ERV + RV  
(2) TV + ERV  
(3) TV + IRV  
(4) ERV + TV + IRV
14. Partial pressures of Oxygen and Carbon dioxide in oxygenated blood respectively is  
[NCERT XI Pg. No. 25]  
(1) 40 and 45                      (2) 104 and 40  
(3) 95 and 40                      (4) 40 and 104
15. State true or false:  
A: 97% of oxygen is carried by RBCs.  
B: About 7 per cent of CO<sub>2</sub> is carried as bicarbonate state through plasma.  
[NCERT XI Pg. No. 25]  
(1) T, T                                      (2) F, T  
(3) T, F                                      (4) F, F
16. A chemo-sensitive area is situated adjacent to the rhythm centre which is highly sensitive to  
[NCERT XI Pg. No. 275]  
(1) CO<sub>2</sub>                                      (2) O<sub>2</sub>  
(3) N<sub>2</sub>                                        (4) H<sub>2</sub>O
17. \_\_\_\_\_ is a chronic disorder in which alveolar walls are damaged due to which respiratory surface is decreased  
[NCERT XI Pg. No. 275]  
(1) Bronchitis  
(2) Occupational Respiratory Disorders  
(3) Asthma  
(4) Emphysema
18. Number of inlets into left auricle in human heart—  
[NCERT XI Pg. No. 283]  
(1) Four                                      (2) Three  
(3) Two                                        (4) Nil
19. Coronary artery supplies blood to —  
[NCERT XI Pg. No. 287]  
(1) Heart muscles  
(2) Lungs cavity  
(3) Liver  
(4) Kidney
20. T wave in ECG —  
[NCERT XI Pg. No. 286]  
(1) Atrial systole  
(2) Return of ventricles from excited to normal state  
(3) Repolarisation of ventricles  
(4) Both (2) and (3)