

# Life Processes

## Previous Year Questions

- Q.1.** Write one specific function each of the following organs of the human digestive system: (i) Liver (ii) Small intestine (iii) Large intestine
- Q.2.** Mention the path of the flow of blood in the double circulation of blood in human beings. Why is it necessary to separate oxygenated and deoxygenated blood in mammals and birds?
- Q.3.** (a) State the role of ATP in cellular respiration.  
(b) What is the advantage of having a four-chambered heart in humans?
- Q.4.** (a) Name the part of the human respiratory system which provides a surface for the exchange of gases.  
(b) How are oxygen and carbon dioxide transported in human beings?
- Q.5.** Draw a diagram of the human excretory system and label the following parts: (i) Kidney (ii) Ureter (iii) Urinary bladder (iv) Urethra
- Q.6.** i): State in proper sequence the events that occur in synthesis of food by desert plants  
(ii): Explain giving reasons what happens to the rate at which the green plants will prepare food (I) during cloudy weather, and (II) when stomata get blocked due to dust.
- Q.7.** (a): Name and define the process by which green plants make their food.  
(b): Write the chemical equation for the above process.  
(c): State in proper sequence the events that occur during the synthesis of food by desert plants.
- Q.8.** Why is it necessary to separate oxygenated and deoxygenated blood in mammals and birds?
- Q.9.** a) State the role of xylem and phloem in plants. (OR) (b) List two functions of the human heart.

**Q.10.** Mention the site of complete digestion of carbohydrates, proteins and fats in humans. Name the end products in each case.