

## **4 Mark Questions from 5 Model Papers**

### **SCERT Model Paper-1**

1. What questions will you ask about Diabetes to a doctor?
2. How can you help in reducing the problem of waste disposal?
3. Alveoli in lungs are designed for efficient gaseous exchange. How do you justify the statement?
4. Why is damage to the ozone layer a cause for concern? What steps have to be taken to minimize this damage?

### **SCERT Model Paper-2**

5. What is a role of Bile in our digestive system? Name the enzyme present in Bile?
6. Write some safe disposal methods to maintain non biodegradable generated in your house?
7. What Questions would you pose, if you get a Chance to meet a cardiologist?
8. What are tropic levels? Give an example of food chain and stage different tropic levels in it?

### **SCERT Model Paper-3**

9. How are the alveoli designed to maximize the exchange of gases.
10. Suggest any 4 environmental friendly practices to reduce plastic waste.
11. How to plants respond to stimuli. Justify the statement with suitable example.
12. Write any 4 slogans on waste management?

### **DGE Model Paper-1**

13. Compare the alveoli in the lungs and Nephrons in the kidneys with respect to their structure and function.
14. How Can you help in reducing the problem of waste disposal? Give any two methods.
15. Write a short note about contraceptive methods.
16. What happens if predators are removed from an ecosystem? How it influences the organisms in the other trophic levels?

### **DGE Model Paper-2**

17. What are the components of the transport system in human beings? What are the functions of these components?
18. People in your locality are throwing plastic bags into the nearby water streams. What environmental problems may arise with this practice? How will you create awareness among the people about this issue?
19. Give some suggestions to control high blood pressure and to maintain healthy heart.
20. Which is the better method in waste disposal - 'burning' or 'composting'? Justify your answer with proper reasons?

## **Diagrams**

### **SCERT Model Paper-1**

1. Draw the neat labelled diagram of structural and functional unit of excretory system?
2. Draw neat labelled diagram of longitudinal section of flower.

### **SCERT Model Paper-2**

3. Draw the neat labelled diagram of human excretory system.
4. Draw the neat labelled diagram of female reproduction system.

### **SCERT Model Paper-3**

5. Draw and labelled the diagram of structural and functional unit of nervous system.
6. Draw the neat labelled diagram of process of fertilization in a flower.

### **DGE Model Paper-1**

7. Draw a neat labelled diagram of the Nerve Cell. =5
8. Draw a neat labelled diagram of the human Excretory system in human. =3

### **DGE Model Paper-2**

9. Draw a neat labelled diagram of Nephron. =1
10. Draw a neat labelled diagram of fertilization in the flower. =6