Biology

Board – CBSE	Class – 11	Chapter – Structural Organization in Animal

1. Draw a flowchart to show the types and sub-types of connective tissues.
2. What role does adipose tissue play in our body? Give two points.
3. Draw a well-labelled diagram of a neuron.
4. Differentiate between Striated, Unstriated and Cardiac muscles on the basis of
   (a) Location
   (b) Number of nuclei present
   (c) Striations
5. State the function of the following cells:
   (a)Fibroblasts
   (b)Plasma cells
6. Draw diagrams to show the difference in structures of Squamous, Cuboidal and Columnar epithelium.
7. Name an invert sugar. Why is it called so?
8. What are the conditions when glucose is converted into gluconic and saccharic acid?
9. Mention the cellular components of blood
10. State the functions and types of nephridia in an earthworm.
11. Mention the functions of each of the following:
    (i) Ureters in frog
    (ii) Malpighian tubules
    (iii) Body wall in the earthworm
12. What are the different cell junctions found in tissues?
13. Give two identifying features of an adult male frog.
14. Where is the hepatic caecum in a cockroach located? What is its function?
15. Which organ is present both in male and female cockroaches?
16. What is connective tissue?
17. Mention the function of Ureters in frogs?
18. What are osteoclast and osteoblast?
19. How does blood get coagulated on coming out from an injured vessel? How coagulation normally

prevented uninjured vessels.

20. What is special about tissue present in the heart?
21. Explain the digestive system of Cockroach with the help of a labelled sketch
22. What are Tissues? What are the 4 major types of tissues?
23. What are the functions of Muscular and Nervous tissue?
24. Draw a neat and well labelled diagram of male reproductive system of a frog.
25. Explain the respiratory system of cockroaches.