**Biology Practice Questions**

**CH-5**

1. **Identify the single celled organisms from the following:  
   Cockroach, Chlamydomonas, snake, mosquito, bacteria**
2. **When a living plant cell loses water through osmosis, there is contraction of the contents of the cell away from the cell wall. What is this phenomenon called?**
3. **List the constituents of plasma membrane.**
4. **Name the process in which diffusion take place through a selectively permeable membrane.**
5. **Define diffusion.**
6. **What is plasmolysis?**
7. **Draw the diagram of a plant cell and label any three parts which make it different from an animal cell.**
8. **Distinguish between hypotonic solution, isotonic solution and hypertonic solution.**
9. **Differentiate between diffusion and osmosis.**
10. **Engulfing of food materials or foreign bodies by cells like Amoeba is called**
11. **Diffusion**
12. **Endocytosis**
13. **Osmosis**
14. **plasmolysis**
15. **The statement ‘cells arise only from pre-existing cells’ was given by**
16. **Schleiden**
17. **Rudolf Virchow**
18. **Schwann**
19. **Louis Pasteur**
20. **The term ‘protoplasm’ was coined by**
21. **Schleiden**
22. **Purkinje**
23. **Schwann**
24. **Robert Brown**
25. **Amoeba acquires its food through a process, termed**
26. **exocytosis**
27. **endocytosis**
28. **plasmolysis**
29. **exocytosis and endocytosis both**