

QUESTION BANK
BIOLOGY
Class IX

Ch. – Cell – The unit of life

1. State the function of chromosome in a cell. 1
2. Write two similarities and one dissimilarity between mitochondria and plastid. 3
3. Name the cell organelle that you would associate with elimination of old and worn out cells. 1
4. List two types of plastids and state one function of each. 2
5. Name two cell organelles that contain their own genetic material. 1
6. Division of labour exists even at intracellular level, justify the statement by giving two examples. 2
7. Identify and name the following cell structure: 1
 - a) the undefined nuclear region of prokaryotic cell
 - b) site of energy release inside the cell
8. a) List any two structural differences and two similarities between animal cell and plant cell. 3
b) What would happen if an animal cell is kept in distilled water for 24 hrs.
9. 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? 1
10. a) Write two points of difference between nuclear region of bacterial cell and animal cell. 3
b) Which structure present in the nuclear region of living cell bears genes?
11. List any two single celled organisms. 1
12. Draw a diagram of plant cell and label its any two parts. 2