

JMSSS CLASS IX BIOLOGY WORKSHEET- A

Chapter-6 The fundamental unit of life

- Q1-Define cell?
Q2-Who discovered (a)A living cell (b)A dead cell ?
Q3-Why cell is called structural and functional unit of life?
Q4-Name the types of cells?
Q5-Define prokaryotic cell? Give any two examples of prokaryotic cell?
Q6-Define eukaryotic cell?
Q7-Define cell wall? Explain its functions?
Q8-Explain the composition and functions of cell membrane?
Q9-Differentiate between cell wall and cell membrane?
Q10-Define cell organelles? Name any two.
Q11-Define cytoplasm of a cell? How it is differ from protoplasm?
Q12-Define mitochondria? Explain its function and structure?
Q13-Define Endoplasmic reticulum name its types?
Q14-Explain the functions and structure of golgi bodies?
Q15-Why plant cells are more rigid than animal cells?
Q16-Draw and label diagrams of plant cell and animal cell?
Q17-What is difference between plant cells and animal cells?
Q18-What are suicidal bags? Explain their functions?
Q19-Which cell organelle known as power house of the cell? Why?
Q20-How does bacterial cell differ from onion peel cell?

JMSSS CLASS IX BIOLOGY WORKSHEET- B

- Q21-Define nerve cell with the help of a diagram?
Q22-Define cell division? Name its types.
Q23-Define ribosomes? What are its functions.
Q24-Differentiate between S.E.R and R.E.R?
Q25-Define osmosis?
Q26-Differentiate between mitosis and meiosis?
Q27-What are the importance of mitosis?
Q28-Define diffusion? How it is differ from osmosis.
Q29-Define nucleus of a cell? What do you understand by an well developed nucleus.
Q30-Expand (a)DNA (b)RNA (c)ATP
Q31-Define vacuoles? What are its functions.

Chapter-7 Tissue

- Q32-Define a tissue?
Q33-Name two main types of plant tissue?
Q34- Define meristematic tissue? Name its types?
Q35-Where is apical meristem found?
Q36-Differentiate between meristematic and permanent tissue?
Q37-Define simple permanent tissue?
Q38-Define parenchyma tissue? Where is it found in plant body?
Q39-What is the main function of Sclerenchyma tissue?
Q40-Distinguish between the following:
(a)Cartilage and bone (b)Blood and lymph (c)Simple and complex tissue.