

# CLASS IX-BIOLOGY

## FUNDAMENTAL UNIT OF LIFE

### Assignment-1

#### MULTIPLE CHOICE QUESTIONS - 1.1

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- The first person to observe a cell under microscope was  
(A) M. Schleiden (B) T. Schwann (C) Robert Hook (D) .V.Leeuwenhoek
- Cell theory was propounded by  
(A) Morgan (B) Halden  
(C) Schleiden and Schwann (D) Robert Hooke
- The word cell was coined by  
(A) Robert hooke (B) Weismann (C) Cuvier (D) Darwin
- Nucleus discovered by  
(A) Robert Hooke (B) Robert Brown (C) Dujardin (D) Purkinje
- Smallest cells so far known are  
(A) Bacteria (B) blue green algae (C) PPLOs (D) human egg
- Which of the following is the longest cell of animal kingdom?  
(A) Bacteria (B) Nerve cell (C) Virus (D) Muscle cell
- Which one of the following is an example of prokaryotic cell?  
(A) Typical plant cell (B) Typical animal cell (C) Bacteria (D) None of these
- What is cytology?  
(A) Study of cytoplasm (B) Study of structure and composition of cell  
(C) Study of animal cell only (D) Study of cell only
- Who coined term protoplasm?  
(A) Leeuwenhoek (B) Purkinje (C) Robert hooke (D) Robert Brown
- Cell is  
(A) Functional unit of life (B) Structural unit of life  
(C) Hereditary unit of life (D) all of the above

#### SUBJECTIVE QUESTIONS - 1.2

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##### VERY SHORT ANSWER TYPE QUESTIONS

- Name the largest cell of living world.
- Amoeba is a ..... organism.
- Who wrote the book "Micrographia"?

##### SHORT ANSWER TYPE QUESTIONS

- What is the composition of protoplasm?
- Define cell.

##### LONG ANSWER TYPE QUESTION

- Who gave the cell theory? What does it state? Which organism is an exception of cell theory?