



# **BIOLOGY**

## **BOOKS - PSEB**

### **CELL STRUCTURE AND FUNCTIONS**

Exercise

1. True or False

Unicellular organisms have one-called body.



2. True or False

Muscle cells are branched.



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3. True or False

The basic living unit an organism is an organ.



**4.** True or False

Amoeba has irregular shape.



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**5.** Make a sketch of the human nerve cell. What function do nerve cells perform?



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**6.** Define the following : Cytoplasm



7. Write short notes on the following. Nucleus of a cell



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8. Which part of the cell contains organelles?



**9.** Make sketches of animal and plant cells. State three differences between them.



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**10.** State the difference between eukaryotes and prokaryotes.



**11.** Where are chromosomes found in acell ? State their function.



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**12.** Cells are the basic structural units of living organisms'. Explain .



# **13.** Explain why choroplasts are found only in plant cells?



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#### **14.** Complete the crossword puzzle.

#### Across

- This is necessary for photosynthesis.
- Term for component present in the cytoplasm.
- The living substance in the cell.
- Units of inheritance present on the chromosomes.

#### Down

- Green plastids.
- Formed by collection of tissues.
- It separates the contents of the cell from the surrounding medium.
- Empty structure in the cytoplasm.
- A group of cells.





