

# THINK SMART

A new path towards General Knowledge

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## Consulting Editor

Prof. Mathew C Ninan  
Little Rock Indian School  
Brahmavar, Karnataka

## Academic Advisor

PS Chandrashekara  
Principal, Delhi Public School, Mangalore

## Series Conceptualiser

Jayant Kulkarni  
Former Regional Director,  
D.A.V. Institutions,  
Patna Zone, Bihar



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# The World of Cellular Organisms

How well informed are you about cellular organisms? Take the quiz to find out. Award 1 point to yourself for each correct option chosen.

- Micro organisms were the \_\_\_\_\_ forms of life to develop on Earth.
  - smallest
  - last
  - first
  - largest
- What element is essential for bacteria to survive?
  - Nitrogen
  - Sulphur
  - Soil
  - Water
- Unicellular organisms like bacteria multiply through \_\_\_\_\_.
  - cell division
  - cell fusion
  - fertilization
  - fabrication
- Name the giant unicellular organisms found in the world's oceans.
  - bacteria
  - algae
  - xenophyophores
  - virus
- Which of the following is a unicellular plant?
  - Grass
  - Fern
  - Fungi
  - Moss
- The type of plant cells which are able to conduct water in plants even after death.
  - xylem
  - phloem
  - stomata
  - none of them
- Which of the following cell organelles does NOT participate in cellular division?
  - cytoplasm
  - chromosomes
  - ribosomes
  - nucleus
- Cell reproduction is controlled by the \_\_\_\_\_.
  - endoplasmic reticulum
  - mitochondrion
  - centrosome
  - nucleus
- An animal cell differs from a plant cell (higher forms) due to the presence of
  - chloroplasts
  - centrioles
  - plastids
  - cell wall
- Find the correct ascending order (smallest to largest)
  - cell, organ, tissue, organism
  - organism, cell, tissue, system, organ
  - cell, tissue, organ, system, organism
  - organism, cell, tissue, organ, system



Fill in the empty spaces with the words from the help desk to complete some facts from the plant Kingdom.

- The world's smallest flowering plant is included in the  species of water plants.
- is the tallest flower in the world.
- are the largest groups of plants, living in the desert that have adapted to the arid environment by altering their physical structures.
- is one of the world's tallest trees and is believed to have a life span of 3000 years.
- , the oldest trees in the world are found in the Rocky Mountains.
- The , a giant sequoia, is the largest and the heaviest tree.
- are the plants that grow on the surface of trees to take advantage of the sunlight.
- , a poisonous plant is used to make the drug 'digitalis', which is used to treat certain heart conditions.
- The  eucalyptus is the only eucalyptus species found naturally in the northern hemisphere.
- There are four layers in a rainforest. They are: understory, canopy, emergent and forest floor. Arrange them in an ascending order.

   

**Help!**

Epiphytes    Rainbow    Wolffia  
 Bristlecone pine    Titan arum    Xerophytes  
 Redwood    Foxglove    General Sherman

