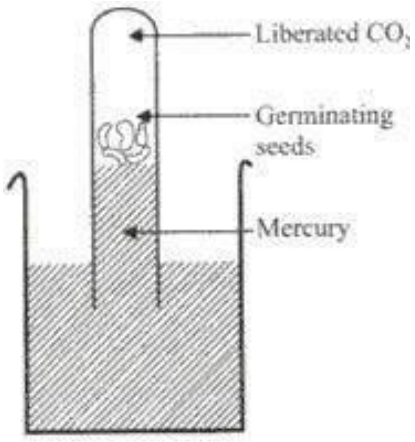
ICSE Class 9 Biology Important Questions

1. Define:
    a. Glycolysis
    b. Syncarpous gynoecium
    c. Active absorption
    d. Deplasmolysis
    e. Peristalsis

2. Give one example of each:
    a. A mammal which destroys stored grain
    b. A flightless bird
    c. The young one of a fish
    d. An antibiotic
    e. A water-borne disease

3. The given figure shows an experiment performed on germinating seeds.



    i. What does the experimental set-up demonstrate?
    ii. Redraw the figure as it would have been observed at the start of the experiment. iii. Write the chemical equation for the process.

4. Write the functions of
    i. Chromoplast
    ii. Magnesium (human body)
    iii. Stomach iv. Male urethra
    v. Roughage

5. Write the full form of
    i. ANS ii. PGA iii. PEM iv. WHO v. ERV

6. Define:
    i. Chlorenchyma
    ii. Placentation
    iii. Inspiratory reserve volume
    iv. Flaccidity
    v. Osmoregulation

7. How is nitrogen fixation carried out?

8. Why is the vertebral column curved and not straight?

9. Mention any two reasons for the rapid increase of population in India.

10. Describe hyper secretion of cortical hormones.

11. Write an experiment to prove that air, water and temperature are needed for the germination of seeds.

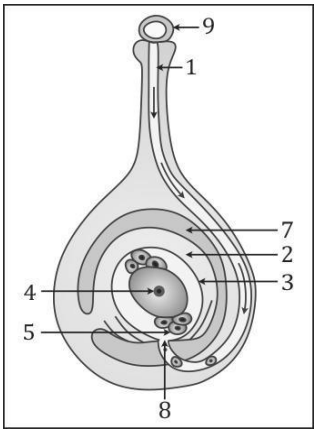
12. Describe the mechanism of a scrubber.

13. State three points of importance of minerals.

14. State three characteristics of annelids.

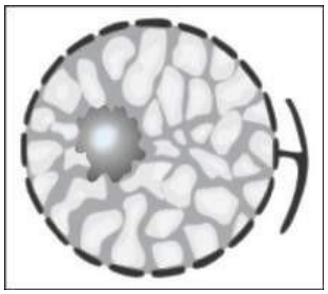
15. Draw the structure of the human alimentary canal.

16. The given figure shows fertilisation in flower.



    a. Define the process.
    b. Label parts 1–4.
    c. Explain the mechanism of double fertilisation in the above flower.

17. The given figure shows a certain structure of a cell.

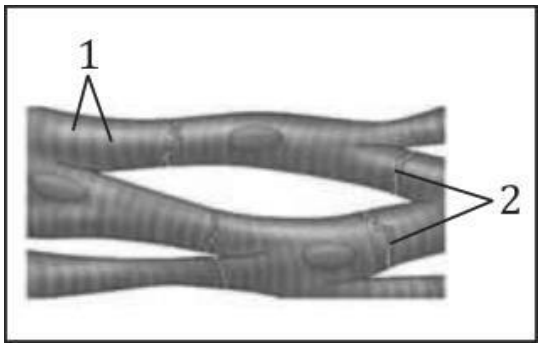


a.Name the structure.

b. Why is this structure important for the cell?

c. Is this structure present in all cells? If not, mention the cell that lacks this structure.

18. The given figure shows a type of muscle.



a. Identify the muscle.

b. Label parts 1 and 2.

c. Where is it located?

d. What are the characteristics of this tissue?

19. State one example of carelessness in disposing research and laboratory waste.

20. After garbage has been dumped in a landfill, how is the non-useful component of garbage dealt with?