

India's Number 1 Education App

BIOLOGY

BOOKS - SARAS PUBLICATION

MODEL PRACTICE QUESTION PAPER-2



1. Which of the following organism is pollution

indicator?

A. Bacteria

- **B.** Lichens
- C. Fungi
- D. Algae

Answer:



2. Aggregate fruit develops from

A. Multicarpellary, apocarpous ovary

B. Multicarpellary, syncarpous ovary

C. Multicarpellary ovary

D. Whole inflorescence

Answer:

Watch Video Solution

3. Keeping in view the fluid mosaic model for the structure of cell membrane, which one of the following statements is correct with respect to the movement of lipids and proteins from one lipid monolayer to the other

A. Neither lipid nor proteins can flip-flop

B. Both lipid and proteins can flip-flop

C. While lipids can rarely flip-flop proteins

cannot

D. While proteins can flip-flop lipids cannot

Answer:

4. Plant and animal cell division differ in

A. Cell plate

B. Prophase

C. Telophase

D. Metaphase

Answer:



5. According to this thoery, the enzyme dehydrogenase on inner surface is responsible for the formation of protons (H^+) and electrons (e^-)

A. Cytochrome pump theory

B. Contact exchange theory

C. Carbonic acid exchange theory

D. Munch flow hypothesis theory

Answer:



6. Assertion (A): Increase in Proton gradient inside lumen reponsible for ATP synthesis Reason (R): Oxygen evolving complex of PS I located on thylakoid membrane facing Stroma, releases H^+ ions

A. Both Assertion and Reason are True

B. Assertion is True and Reason is False.

C. Reason is True and Assertion is False.

D. Both Assertion and Reason are False.

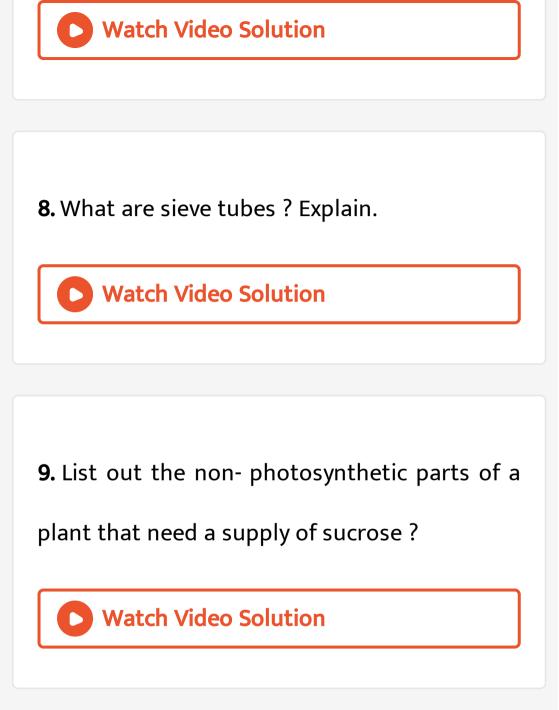




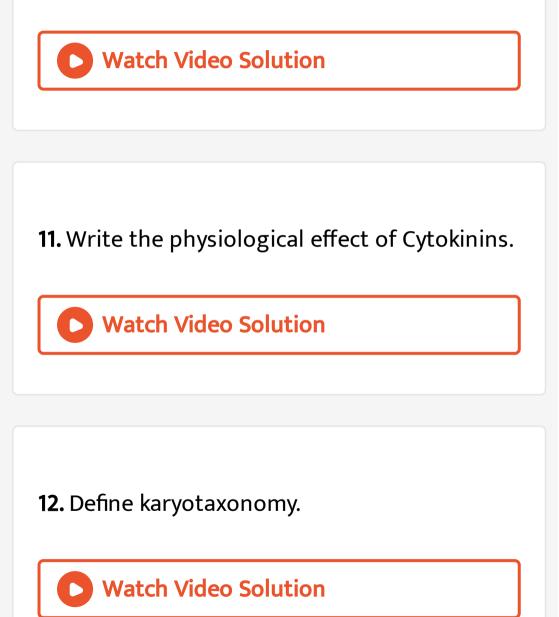
7. Endosperm in Gymnosperm is formed.

- A. At the time of fertilization
- B. Before fertilization
- C. After fertilization
- D. Along with the development of embryo

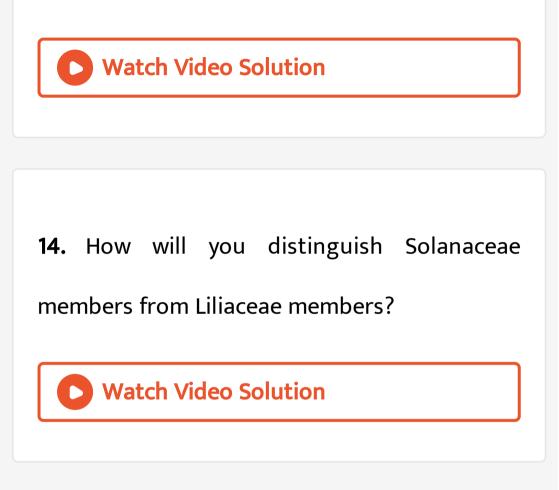








13. What are oligosaccharides?



15. What are 70S ribosomes?

16. Distinguish the anatomy of dicot stem from

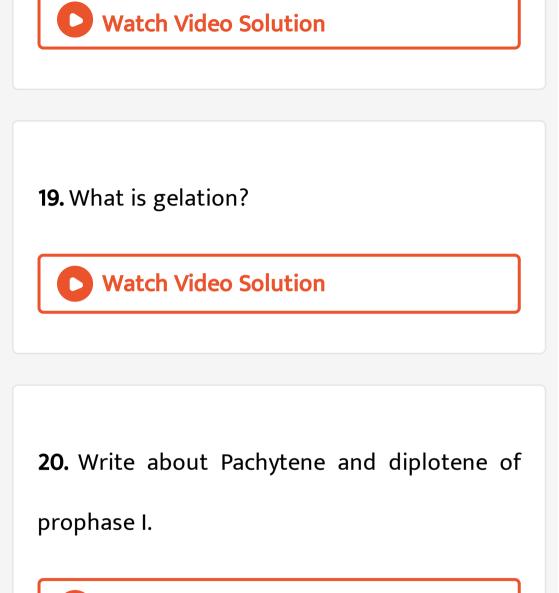
monocot stem.



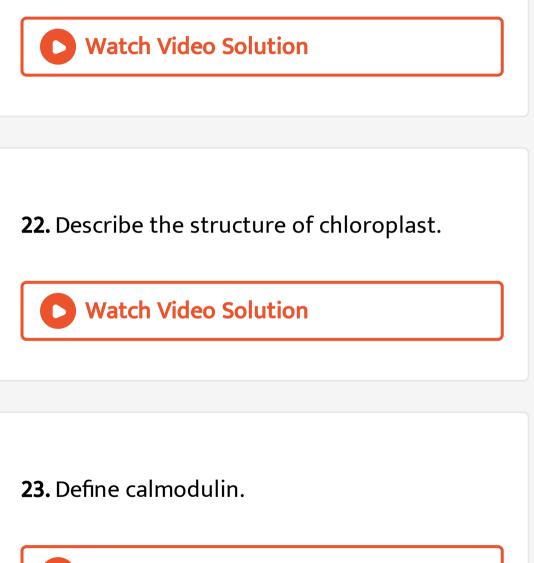
17. Write short notes on herbarium.



18. What is amber ?



21. What is kinetochore?



24. Grasses have anadaptive mechanism to

compensate photorespiratory lossesName and

describe the mechanism.



25. Explain Kuhne's fermentation experiment.



26. What is the formula used to measure the growth of plants of plants by Arc auxanometer?