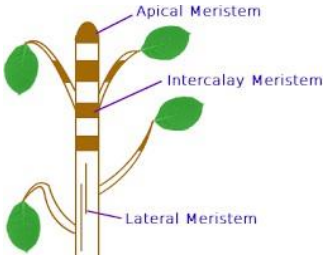
DWARKA INTERNATIONAL SCHOOL
Session 2023-2024, II Term
Class IX BIOLOGY Revision Worksheet

1. 

Apical meristems can be found in

A epidermal

B leaves

C xylem

D shoot

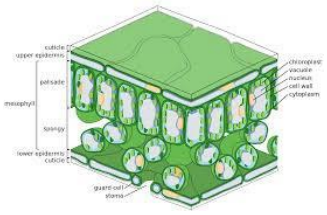
2. Which of the following not the characteristics of permanent tissues?

A matured tissues which are already differentiated

B Mature tissues that are undergoing differentiation

C categorised into epidermal tissue, ground tissue and vascular tissue

D Actively dividing to produce new cells for growth

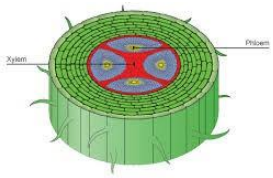
3. 
What is the function of cuticle?

A transport water

B reduce loss of water through transpiration

C transport mineral and nutrients

D protects the underlying tissues

4. 

What is the function of xylem tissue?

A carry out photosynthesis

B provide support for young plant.

C control the opening and closing of stoma.

D transports water and minerals salt

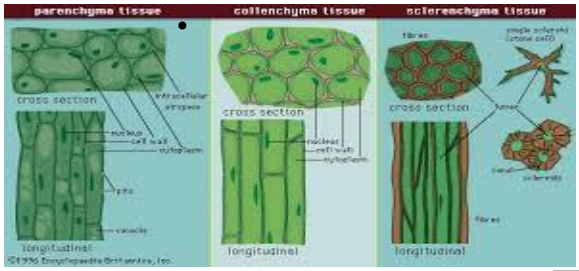
5. Which tissue provide support and mechanical strength to the plant?

A collenchyma tissue

B sclerenchyma tissue

C parenchyma tissue

D xylem tissue



Which of these functions does not belong to parenchyma tissue?

A absorption of water and mineral

B carries out photosynthesis

C provides support to the plants

D stores food materials such as starch

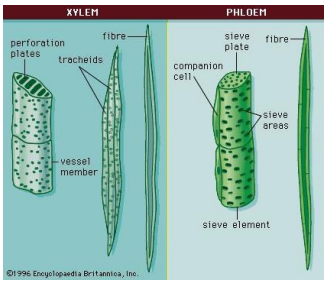
7. Which of these tissues support the young plants and woody plants?

A collenchyma tissue

B sclerenchyma tissue

C parenchyma tissue

D xylem tissue

8. 

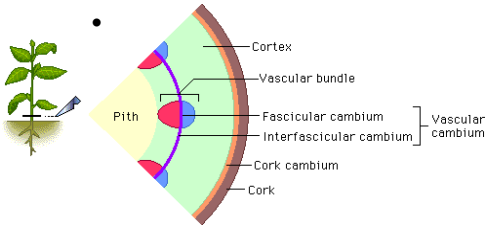
What is the function of phloem tissue?

A transport water and minerals

B transport organic nutrients

C support plants

D photosynthesis process occur



Where lateral meristem or cambium can be found?

A between ground tissue

B epidermis

C between xylem and phloem tissue

D stem and root

9. Which of the following structures allows for gas exchange between a leaf and the atmosphere?

A Cuticle

B Phloem

C Stomata

D Xylem

10. 

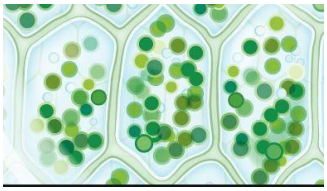
Which of the following is NOT a function of the roots?

A Anchor plant to the ground

B Photosynthesis

C Store sugars

D Absorb water and minerals

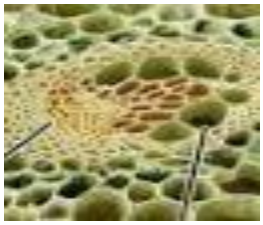
11. 

What are the levels of organization in plants?

A Plants are made up of cells, tissues, organs, and organ systems.

B Plants have cells, but not tissues.

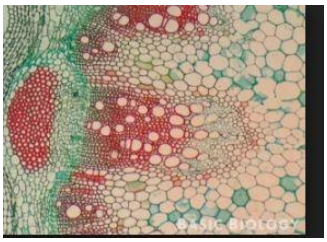
C Plants contain cells and tissues, but not organs.

12.  What is the vascular tissue that carries water throughout a plant?

A xylem

B seedling

C phloem

13.  _____is a vascular tissue that carries sugars and other foods throughout a plant.

A roots

B phloem

C stems

D xylem

14. Tissues with active cell division

A Meristematic

B Permanent

15. Intercalary meristems are found in which part of the plants?

A Lateral side

B Growing tips

C Nodes

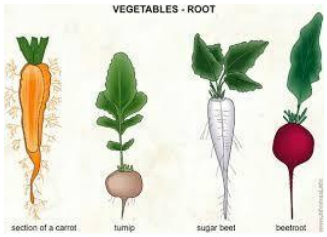
17. Vascular tissue not only transports material it also

A supports the plant structurally

B protects the plant

C transports minerals

D transports energy

18. 

Vegetables and Taproots store energy underground for plants. Vegetables and taproots are part of the plant _____system.

A Shoot

B Root

C Hydrotropism

D Photosynthesis

19. Which of the following tissues whose role is to protect and cover the plant?

A Vascular tissue

B Epidermal tissue

C Ground tissue

D Dermal tissue

20. Which of the following is an example of sclerenchyma tissue that is shorter than fiber and primary component in seed coat, coconut shells, and gave gritty texture on ripe pears?

A Fiber

B lignin

C Sclereid

D Pectin