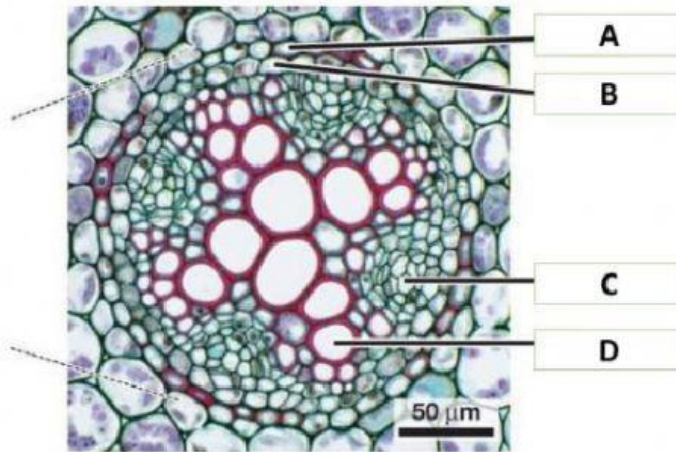


Topic 5: Support and transport systems in plants

Questions 1.1 – 1.5 refers to the micrograph below



1.1 The micrograph showing is the ... *

- ☐ Cross section of a dicotyledonous stem
- ☐ Cross section of a dicotyledonous root
- ☐ Longitudinal section of a dicotyledonous stem
- ☐ Longitudinal section of a dicotyledonous root

1.2 Identify the letter that represents xylem tissue *

- ☐ A
- ☐ B
- ☐ C
- ☐ D

1.3 Identify the letter that represents the endodermis *

- ☐ A
- ☐ B
- ☐ C
- ☐ D

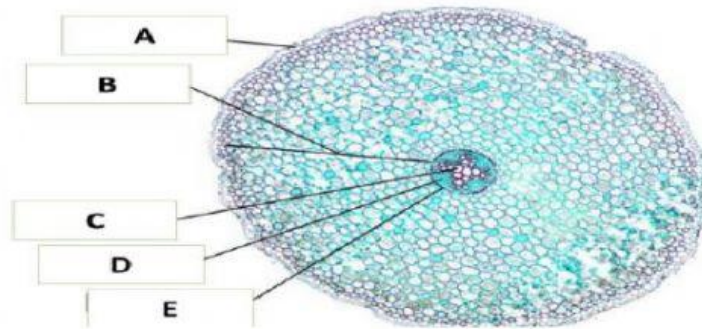
1.4 Identify the letter that represents the pericycle *

- ☐ A
- ☐ B
- ☐ C
- ☐ D

1.5 Identify the letter that represents phloem *

- ☐ A
- ☐ B
- ☐ C
- ☐ D

Question 1.6 - 1.10 refers to the micrograph below



1.6 Which combination of letters represents the vascular tissue? *

- ☐ A and E
- ☐ B and C
- ☐ D and E
- ☐ C and D

1.7 In which tissue would root hairs be present? *

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E

1.8 Which tissue contains a waxy, waterproof band? *

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E

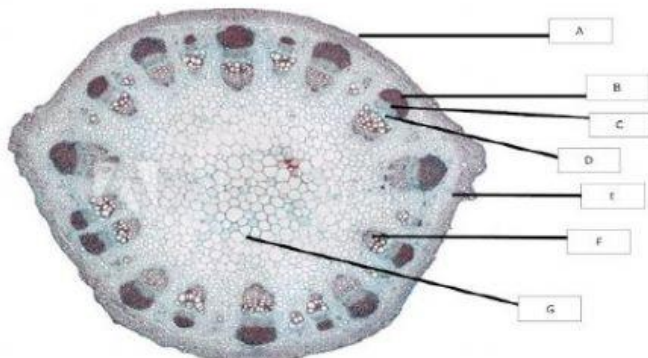
1.9 Which tissue is made up of layers of thin-walled parenchyma cells? *

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E

1.10 In which tissue will the Casperian strip be found?

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E

Questions 1.11 - 1.20 refers to the micrograph below



1.11 Select the letter for where collenchyma tissue is found. *

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E
- ☐ F
- ☐ G

1.12 Select the letter which represents the pith. *

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E
- ☐ F
- ☐ G

1.13 Which tissue is responsible for transporting water and mineral salts? *

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E
- ☐ F
- ☐ G

1.14 Which tissue provides support for the vascular bundles?

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E
- ☐ F
- ☐ G

1.15 Which tissue is responsible for storing starch? *

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E
- ☐ F
- ☐ G

1.16 Which letter represents the spongy tissue made up of parenchyma cells? *

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E
- ☐ F
- ☐ G

1.17 Which tissue separates the xylem and the phloem? *

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E
- ☐ F
- ☐ G

1.18 Select the letter for where sclerenchyma tissue is found.

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E
- ☐ F
- ☐ G

1.19 Which letters represent the tissues that make up a vascular bundle? *

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E
- ☐ F
- ☐ G

1.20 The micrograph is showing the ... *

- ☐ cross section of a dicotyledonous stem
- ☐ cross section of a dicotyledonous root
- ☐ longitudinal section of a dicotyledonous stem
- ☐ longitudinal section of a dicotyledonous root