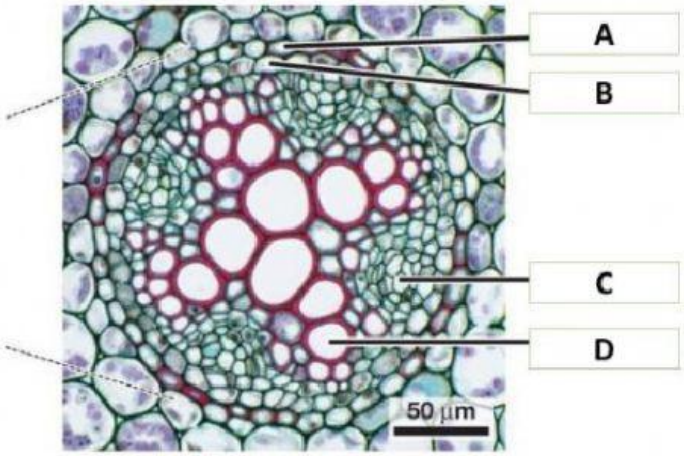
Topic 5: Support and transport systems in plants

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

LIVEWORKSHEETS

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 *

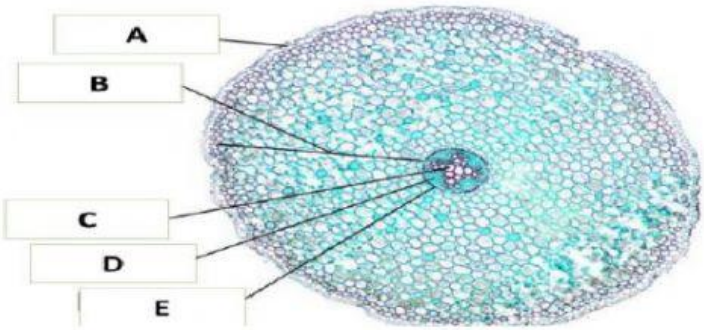
- A
- B
- C
- D

LIVEWORKSHEETS

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

LIVEWORKSHEETS

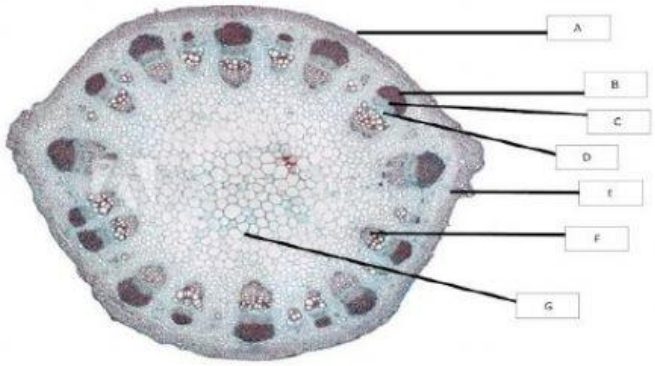
1.9 Which tissue is made up of layers of thin-walled parenchyma cells? *

- 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

LIVEWORKSHEETS

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

LIVEWORKSHEETS

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 schlerenchyma tissue is found.

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

LIVEWORKSHEETS

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

LIVEWORKSHEETS