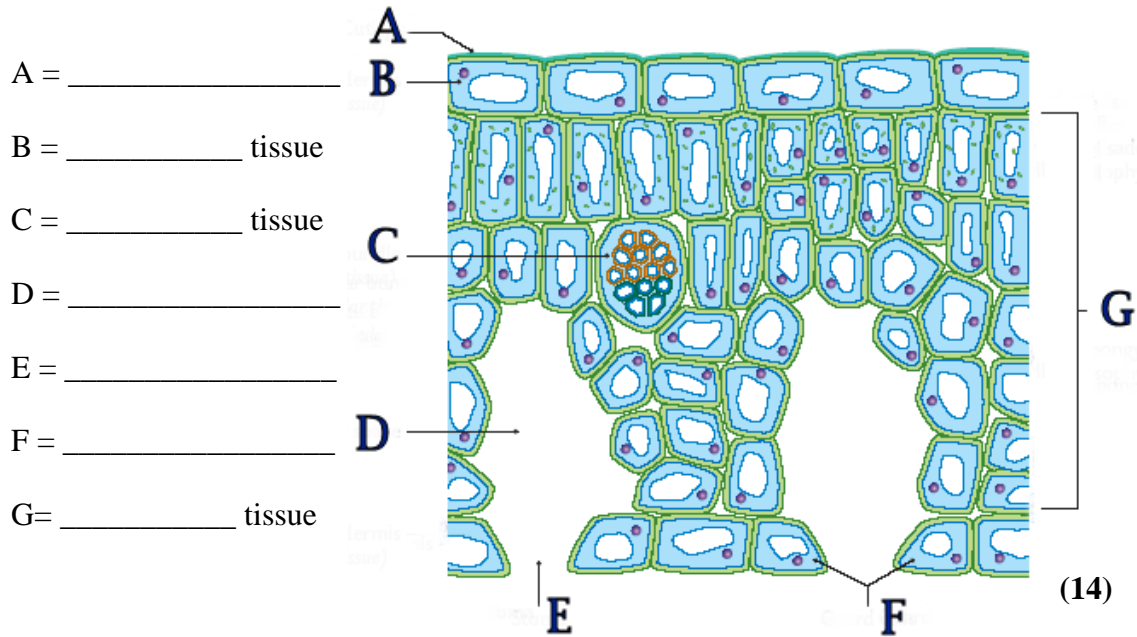


Name: _____

Date: _____

Q.1 Label the letters A → G in the following diagram



Q.2 The passage of water through a plant known as _____ (3)

Q.3 Water enters the plant roots by a process called _____ (3)

Q.4 Do minerals enter by the same process? _____. Explain your answer _____ (4)

Q.5 What do we call the model by which water can rise to great heights in a plant? _____ (3)

Q.6 In some species of flowering plants the leaves are modified for food storage.
 (i) Name a plant in which leaves are modified for food storage? _____
 (ii) Name a carbohydrate you would expect to find in the leaves? _____
 (iii) Name a type of modified stem that functions in food storage? _____
 (iv) Name a plant that uses a modified stem for food storage? _____ (8)

Q.7 Give 2 possible fates for each of the following:
 (a) Carbon Dioxide produced by respiration in the leaves
 (i) _____ (ii) _____ (4)

(b) Oxygen produced by photosynthesis in the leaves
 (i) _____ (ii) _____ (4)

(c) Glucose formed in photosynthesis in leaves
 (i) _____ (ii) _____ (4)

Q.8 What gas controls the opening and closing of the stomata? _____ (3)