



# Monocot and Dicot Plants



✓ 1) A plant having reticulate venation in its leaves and 5 petals in its flowers is \_\_\_\_\_.

- ☐ Either monocot or dicot
- ☐ A monocot
- ☐ Neither monocot nor dicot
- ☒ A dicot

✓ 2) What types of roots are present in a monocot plant?

- ☐ Either Fibrous or tap root.
- ☐ Tap root.
- ☐ Neither Fibrous or tap root.
- ☒ Fibrous adventitious root.

✓ 3) Which group correctly shows monocot plants?

- ☐ Rose, lily, grasses
- ☒ Wheat, rice, maize
- ☐ Radish, carrot, rose
- ☐ Garlic, potato, cabbage

✓ 4) Which statement is not correct?

- ☒ Only tap roots have root hairs.
- ☐ Adventitious roots prevent erosion.
- ☐ Tap roots make plants hard to pull out of the ground.
- ☐ Onion has an adventitious root system.



✓ 5) Two cotyledons are present in the seeds of which plant?

- ☐ Maize
- ☐ Orchids
- ☒ Gram
- ☐ Castor

✓ 6) Venation is a term used to describe the pattern of arrangement of \_\_\_\_\_.

- ☐ Stem
- ☒ Veins and veinlets in a lamina
- ☐ Floral organs
- ☐ Flower in inflorescence

✓ 7) Reticulate venation is characteristics of \_\_\_\_\_.

- ☐ Thalophytes
- ☒ Dicot plant
- ☐ Fungi
- ☐ Monocot plant

✓ 8) On observing stem of a tree, it was found that vascular bundles were scattered through the stem with more of the bundles located towards the stem periphery than in the centre. The stem belongs to \_\_\_\_\_.

- ☒ Monocot only.
- ☐ Both monocot and dicot.
- ☐ Neither monocot nor dicot.
- ☐ Dicot only.

✓ 9) Which group correctly shows dicot plants?

- ☐ Coconut, banana, date palm.
- ☒ Neem, apple, banyan.
- ☐ Lemon, rose, rice.
- ☐ Neem, maize, apple.

✓ 10) If the leaves have stalks, then the plant is \_\_\_\_\_.

- ☒ A dicot.
- ☐ A monocot.
- ☐ Neither monocot nor dicot.
- ☐ Either monocot or dicot.

✓ 11) Vascular bundles are arranged in a ring form in \_\_\_\_\_ plant.

- ☐ Monocot.
- ☐ Either monocot or dicot.
- ☐ Neither monocot nor dicot.
- ☒ Dicot.

✓ 12) What is the number of pores present in the pollen of monocot plant?

- ☐ 2
- ☒ 1
- ☐ 3
- ☐ 4