

Name: _____ Date: _____

Getting to Know Plants

Q1. What are the two types of root systems? Explain each of them with examples.

Ans. _____

Q2. Differentiate between herbs and shrubs.

Ans.	Herb	Shrub
	1.	1.
	2.	2.
	3.	3.
	4.	4.

Q3. Explain photosynthesis.

Ans. _____

Getting to Know Plants

Q1. What are the two types of root systems? Explain each of them with examples.

Ans. The two types of root systems are tap root system and fibrous root system.

Tap root system: There is one main root called tap root from which smaller roots sprout laterally called lateral roots. Examples: Beetroot, Carrot, Sugar beet, Dandelion etc.

Fibrous root system: In this root system, roots are thin and of more or less equal length growing from the stem. Examples: wheat, maize, rice etc.

Q2. Differentiate between herbs and shrubs.

Ans.

Herb	Shrub
1. Plants with green and tender stems are called herbs.	1. Plants with many stem branching out near the base are called shrubs.
2. Herbs are non-bushy plants.	2. Shrubs are bushy plants.
3. Herbs are small plants but smaller than shrubs.	3. Shrubs are small plants but taller than herbs.
4. Examples: Basil, Coriander etc.	4. Examples: Rose, Lemon plant etc.

Q3. Explain photosynthesis.

Ans. Photosynthesis is the process through which green plants prepare their food in the presence of sunlight, water, carbon dioxide and green pigment called chlorophyll.