

**Pramukh Swami Science and H.D.Patel Arts College, Kadi**  
**CC-Agriculture and Soil Sciences**  
**Internal Examination Semester I October 2018**  
**AS 103 Botany of Field Crops and Their Economic Importance**

Time: 2 hrs

Date: /11/2018

Maximum marks: 40  
(10\*1=10 Marks)

**Q.1 Answer all questions. Each question carries 1 mark**

1. \_\_\_\_\_ is useful part in Cinnamon(તજ)
- A. પડકાંડ B. છાલ C. ફળ D. બીજ
2. Define: Venation.
3. Dicot has adventitious root. True/False
4. Match the following.

Palmatifid	Chrysanthemum (ગુલા દાઉદી)
Palmatipartite	Coconut (નારિયેળ)
Pinnatifid	Cotton(કપાસ)
Pinnatisect	Castor (એરંડ)

5. Potatoes are Modified Stem and Modification is For Food Storage. True (✓) or False (×).
6. Define: Leaf Incision
7. \_\_\_\_\_ is present in centre of leaf. D બીજ
- A) Petiole B. Stipules C. Veins D. Midrib.
8. \_\_\_\_\_ is example of furniture plant (ઘમરતી).
4. Match the following.
9. Give example of adnate stipule.
10. Give example of Aggregate fruit.

**Q. 2. Answer any 4 questions. Each question carries 5 marks**

(5\*4=20 Marks)

**(SHORT QUESTIONS)**

1. Define: Phyllotaxy and Explain: Types of phyllotaxy with Example
2. Explain: Fleshy Fruits
3. Explain industrial plants in detail.
4. Describe medicinal plants in detail.
5. Describe Root Modification in detail

**Q.3 Answer any 1 question. The question carries 10 marks.**

(1\*10=10 Marks)

**(DESCRIPTIVE QUESTIONS)**

1. How plants are beneficial to mankind. (વનસ્પતિ ની આર્થિક ઉપયોગીતા જણાવો)

2. Explain in detail Types of leaves

9. Give example of a biate stipule

Answer any 1 question of the following questions

(DESCRIPTIVE QUESTIONS)

1. How plants are beneficial to mankind.

2. Explain in detail Types of leaves

9. Give example of a biate stipule