

**Pramukh Swami Science and H.D. Patel Arts College**  
**'Advanced diploma in Agriculture and Soil Sciences'**  
**Internal Test-November 2015**

**AS 103 Botany of Field Crops and Their Economic Importance**

**Time: 2 hrs**

**Date: 04/11/2015**

**Marks: 40**

**Q.1 Answer all questions. Each question carries 1 mark (10\*1=10 Marks)**

1. The study of Fossil Plants is known as:

- A. Ecology                      C. Bryology  
B. Ethnobotany                D. Paleobotany

2. Give one example of plant having adventitious roots.

3. Define inflorescence.

4. Match the following.

Imparipinnate	Moringa
Bipinnate	Coriander
Tripinnate	Ceaselpinia
Decomound	Rose

5. What is testa?

6. Give one example of storage root?

7. \_\_\_\_\_ is outer most whorl of flower.

8. -----is example of aggregate fruit.

- A. Pineapple                    C. Tomato  
B. Brinjal                        D. Wood Apple.

9. Match the following

Oil seed	Chikori
Wood	Maize
Adulterant	Cotton
Fiber	Bamboo

10. Define endosperm.

**Q. 2 Answer any 4 questions. Each question carries 5 marks (5\*4=20 Marks)**

**(SHORT QUESTIONS)**

1. Fleshy fruits with examples.
2. Types of inflorescence.
3. Write a note on medicinally important plants.
4. Describe any five branches of science that is related to botany.
5. Definition, parts and function of leaf.

**Q.3 Answer any 1 question. The question carries 10 marks. (1\*10=10 Marks)**

**(DESCRIPTIVE QUESTIONS)**

1. Seed germination
2. Plants and their economic importance