

**Hemchandracharya North Gujarat University**  
**Community College**  
**Advanced diploma in Agriculture and Soil Sciences**  
**Semester-I END TERM Examination, December, 2016**  
**AS 103 Botany of Field Crops and Their Economic Importance**

**Time: 2 hrs**

**Date: 3/2/2016**

**Maximum marks: 40**

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

**(10\*1=10 Marks)**

1. The study of crop cultivation and its application is:  
A. Physiology B. Mycology C. Agriculture D. Paleobotany
2. Define fruits.
3. \_\_\_\_\_ is example of spice.  
A. Ginger B. Tea C. Coffee D. Lime
4. \_\_\_\_\_ is inner most whorl of flower.
5. \_\_\_\_\_ is not an example of branch of botany.  
A. Agriculture B. Zoology C. Physiology D. Ayurveda
6. -----is example of pseudo fruit.  
A. Pineapple C. Tomato  
B. Apple D. Wood Apple.
7. Peacock flower is example of Racemeose inflorescences ..... True (√) or False (×).
8. Maize leaf has \_\_\_\_\_ type of venation.  
A. Parallel Unicostate C. Parallel Multicostate  
B. Reticulate Unicostate D. Reticulate Multicostate
9. -----is example of tap root.  
A. Dhatura C. Maize  
B. Grass D. Banana
10. Match the following

Spice	Clove
Vegetable	Neem
Dyes	Carrot
Gums	Indigo

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

1. Classify fruits into chart form.
2. Parts of flower.
3. Definition, parts and function of leaf.
4. Write three examples for pulses, cereals, masticatories and beverages.
5. Note on medicinal plants.

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

**(1\*10=10 Marks)**

1. Plants and their uses to mankind.
2. Write a detail note on branches of botany.