

**Hemchandracharya North Gujarat University**  
**Community College**  
**Advance Diploma in Agriculture and Soil Science**  
**Semester- III**  
**Internal Examination, Oct. - Nov.-2017**  
**Subject Code: - AS- 304**  
**Subject: - Agronomy of field crops-II (Kharif crops)**

Time: 2 hrs

Date: 02/11/2017

Marks: 40

**Q.1 Answer any 10 MCQ questions. Each question carries 1 mark.**

**[10\*1=10]**

1. \_\_\_\_\_ is Botanical name of rice crop.  
[A] *Oryza sativa* L. [B] *Gossypium arboretum* L.  
[C] *Zea mays* L. [D] *Cajanus cajan* L.
2. Which crop has capability of nitrogen fixation in soil from air?  
[A] Rice [B] Black gram  
[C] Cotton [D] Maize
3. *Vigna radiate*, L. is a botanical name of which crop?  
[A] Cotton [B] Rice  
[C] Green gram [D] Black gram
4. Leguminosae is family of which crop?  
[A] Green gram [B] Soyabean  
[C] A & B both [D] None of these
5. \_\_\_\_\_ crop is used for manufacturing of vanaspathi ghee.  
[A] Cotton [B] Soyabean  
[C] Black gram [D] All of these
6. Yellow mosaic virus is transmitted by \_\_\_\_\_.  
[A] Whitefly [B] Leaf minor  
[C] Aphid [D] Jassid
7. Main maize research station is located at \_\_\_\_\_.  
[A] Godhra [B] S. K. Nagar  
[C] Jagudan [D] Navsari
8. Which crop has more quality and quantity of protein content  
[A] Black gram [B] Green gram  
[C] Rice [D] Soyabean
9. Deviraj is a variety of which crop?  
[A] Rice [B] Soyabean  
[C] Cotton [D] Maize
10. Write Down the full form of IRRI and CIRCOT.

[P. T. O.]

**Q.2 Answer any 4 questions. Each question carries 05 marks.**

[4\*5=20]

1. Write down the importance of pulse crops.
2. Write down the types of maize in detail.
3. Write down the economic importance of cotton crop.
4. Write down the methods of seed treatment for cotton crop.
5. Write down Botanical name, Family and origin. 1. Rice 2. Cotton 3. Soyabean 4. Maize 5. Green gram.

**Q.3 Answer any one. Each question carries 10 marks.**

[1\*10=10]

1. Write down the cultivation of green gram.
2. Write down the Dapong method of rice nursery rising.