

**Hemchandracharya North Gujarat University**  
**Community College**  
**Advance Diploma in Agriculture and Soil Science**  
**Semester- I**  
**End Term Examination, December-2018**  
**Subject Code: - AS- 101**  
**Subject: - Principles of Agronomy and Meteorology**

**Time: 2 hrs**

**Date: 10/12/2018**

**Marks: 40**

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

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

1. \_\_\_\_\_ is Agro based industry.  
[A] Textile [B] Oil  
[C] Dairy [D] All of these
2. Agronomy word is derived from \_\_\_\_\_ language?  
[A] English [B] Latin  
[C] French [D] Greek
3. In MOP \_\_\_\_\_ % of potash is present.  
[A] 60% [B] 48%  
[C] 46% [D] 18%
4. Which implements are used in a primary tillage?  
[A] Country plough [B] Mould board plough  
[C] Tractor [D] All of these
5. \_\_\_\_\_ is Natural resources in agriculture.  
[A] Light [B] Land  
[C] Water [D] All of these
6. \_\_\_\_\_ is primary unit in agriculture.  
[A] Crop plant [B] Eggs  
[C] Honey [D] None of these
7. The depth of ploughing is \_\_\_\_\_ cm for shallow rooted crops.  
[A] 15-30 cm [B] 10-20 cm  
[C] 5-6 cm [D] 25- 30 cm
8. \_\_\_\_\_ is the added resources in agriculture.  
[A] Irrigation & Drainage [B] Chemical  
[C] Farm equipment [D] All of these
9. Cultivation in Earth is called \_\_\_\_\_.  
[A] Aeroponic [B] Hydroponic  
[C] Geoponic [D] None of these
10. Which revaluation is concerned with oilseed production?  
[A] Green Revaluation [B] White Revaluation  
[C] Yellow Revaluation [D] Blue Revaluation

**[P.T.O.]**

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

**[4\*5=20]**

1. Write down Characteristics of good seed.
- 2 Write down the difference between intercropping and mixed cropping.
3. Write down the uses of atmosphere and importance of agriculture meteorology.
4. Write down the principles of crop rotation and advantages of crop rotation.
5. Write down the different geometries are available for crop production.

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

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

1. Write down the types of cropping system in detail and describe integrated farming system
2. Write down the different agro climatic zone of Gujarat in detail.