

Hemchandracharya North Gujarat University
Community College
Advance Diploma in Agriculture and Soil Science
Semester- I

Internal Examination, October-2017

Subject Code: - AS- 101

Subject: - Principles of Agronomy and Meteorology

Time: 2 hrs

Date: 28/10/2017

Marks: 40

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

[10*1=10]

1. Cultivation in Earth is called _____.
[A]Aeroponic [B] Hydroponic
[C] Geoponic [D] None of these
2. Agriculture word is derived from which language?
[A]English [B] Latin
[C]French [D]Greek
3. Who is the father of Agronomy?
[A]Norman Borlaug [B] Jethro Tull
[C] Leonardo de Vinci [D]None of these
4. Which revaluation is concerned with oilseed production?
[A]Green Revaluation [B] White Revaluation
[C] Yellow Revaluation [D] Blue Revaluation
5. 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
6. Which implements are used in a primary tillage?
[A]Country plough [B]Mould board plough
[C]Tractor [D]All of these
7. Write down the full form of CRIDA.
8. Definition: 1. Agriculture
2. Agronomy
3. Tillage
4. Seed
5. Viability
6. Germination

[P. T. O.]

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

[4*5=20]

1. Write down the Scope of Agriculture.
2. Write down Characteristics of good seed.
3. Write down the principles of crop rotation.
4. Write down the difference between intercropping and mixed cropping.
5. Write down the advantages of crop rotation.

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

[1*10=10]

1. Write down the different agro climatic zone of Gujarat in detail.
2. Write down the role of agronomist.