

Hemchandracharya North Gujarat University
Community College
Advanced Diploma in Agriculture and Soil sciences
Sem I End Term Examination, February, 2016
Subject: Principles of Agronomy and meteorology (AS-101)

Time: 2 hrs

Date: 1/2/2016

Maximum marks: 40

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

1. Unit of cloud measurement
a. Pascal b. Octa c. C⁰ d. km/h
2. is growing two or more crops simultaneously on the same piece of land with definite row pattern.
a. Mixed cropping b. Mono cropping c. Inter cropping d. Multiple cropping
3. The word agronomy is derived from two.....words
a. American b. Latin c. Greek d. Hindi
4. Average physical state of atmosphere
a. Weather b. Climate c. Temperature d. Relative humidity
5.is climate control
a. Altitude b. Wind c. Temperature d. Humidity
6. Certified seed produced from
a. Registered seed b. Foundation seed c. Breeder seed d. viable seed
- 7.....is green manure crop
a. Sun hemp b. Wheat c. Maize d. Sorghum
8. Optimum sowing time for most of the kharif crops is..... months.
a. June – July b. January – February c. April – May d. August- Sept.
9. The layer between 50 and 80km of atmosphere is called
a. Thermosphere b. Stratosphere c. Mesosphere d. Thermosphere
10. Typical physical state of atmosphere
a. Weather b. Climate c. Temperature d. Relative humidity

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

1. Define A. Seed B. Meteorology C. Weather
 D. Eco climate E. Precipitation
2. Enlist agro climatic zone of India
3. Types of cropping system
4. Write short note: Role of agronomist
5. Write principles of crop rotation

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

1. Explain: Climate control
2. Explain: Objectives of Tillage