

Pramukh Swami Science and H.D.Patel Arts College, Kadi

CC-Agriculture and Soil Sciences

Internal Examination Semester I

Subject: AS 101

Time: 2 hrs

Date: 24/11/2014

Marks: 40

**Q.1 Answer all questions.**

**(10 Marks)**

1. The book "Principle of Agronomy" is written by:-
  - a.) H. N. Das
  - b.) S. R. Reddy
  - c.) Michel
  - d.) Blackman
2. The branch of agricultural science dealing with principles and practices of crop production and field management is known as.....
3. Define the term Agronomy
4. Who is considered as a father of green revolution in India?
5. Agriculture is an art and science both. (True/False)
6. The term agronomy is derived from
  - a.) Greek word
  - b.) German word
  - c.) Arabic word
  - d.) Latin word
7. Our country divided into.....agro-climatic zones.
8. Define the term Tillage
9. India rank first in overall wheat production. (True/False)
10. Which state has highest production of wheat per hectare?

**Q. 2 Answer any four questions.**

**(20 Marks)**

1. Difference between the pulses and legumes
2. Enlist only four advantages of tillage

3. Difference between the cereals and millets
4. Listout the different types of tillage
5. Mention only four principles of crop rotation

**Q.3 Answer any one question. (10 Marks)**

1. Express your views about scope of Agronomy
2. Describe in brief about agro-climatic zones of Gujarat