

Hemchandracharya North Gujarat University
Community College
Advanced Diploma in Agriculture and Soil sciences
End Term Examination, June, 2015

Time:- 2hrs / Subject AS-204 Agronomy of Field Crops-1 / Date- / Marks:- 40

Q-1 Answer all questions. Each question carries 1 Mark (10x1=10M)

- 1.1 _____ and _____ is most used bio fertilizers (Examples)
- 1.2 _____ and _____ is known as Rabi Crop in Gujarat (Name of Crops)
- 1.3 The water insoluble protein present in Triticum Aestivum is known as:
(A) Gluten (B) Niacin (C) Glutamin (D) Lysine
- 1.4 _____ and _____ is examples of Forage Crops (Name of Crop)
- 1.5 Write down the full form of U.G.C .
- 1.6 _____ and _____ is methods of applying fertilizers. (Method of fertilizing in field)
- 1.7 Examples of Cereals are _____ , _____ . (Name of 2 Crops)
- 1.8 _____ , _____ are popular irrigation methods applied in Gujarat.
- 1.9 _____ and _____ is known as Commercial crops (Name of crops)
- 1.10 Major two Diseases of Mustard crop _____ , _____ .

Q-2 Answer any 4 Questions. Each carries 5 Marks (4x5=20)

- 2.1 Explain seed selection and treatment method
- 2.2 List out Disease and respect crops which are affected.
- 2.3 Write down the merits of Tillage.
- 2.4 Describe method of applying manures and fertilizers
- 2.5 List out different growth stages of wheat.

Q-3 Answer any 1 Question, carries 10 Marks (1x10=10)

- 3.1 Write down about the package of practices of wheat crop.
- 3.2 Describe Agronomy of any one Crop (**Sugarcane / Potato / Oilseed / Oat / Cumin**) - climate, sowing method, irrigation, fertilization and disease.