

Hemchandracharya North Gujarat University
Community College
Advance Diploma in Agriculture and Soil Science
Semester- II
End Term Examination, April: 2018
Subject Code: - AS- 204
Subject: - Agronomy of field crops-I (Rabi crops)

Time: 2 hrs

Date: 27/04/2018

Marks: 40

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

[10*1=10]

1. Which crop is Known as a staple food for north Indian people?
[A] Potato [B] Wheat
[C] Chickpea [D] Sugarcane
2. Which stage is critical stage for irrigation in wheat crop?
[A] Sugarcane [B] Sugar beet
[C] Potato [D] Wheat
3. Gramineae is a family of which crop?
[A] Potato [B] Safflower
[C] Sugarcane [D] Tobacco
4. Botanical name of Potato.
[A] *Saccharum officinarum* [B] *Solanum tuberosum*
[C] *Nicotiana tabacum* [D] *Triticum aestivum*
5. Topping is an operation of which crop?
[A] Coriander [B] Cumin
[C] Tobacco [D] French bean
6. Molasses is a product of which crop?
[A] Potato [B] Sugar beet
[C] Sugarcane [D] None of these
7. How many percentage of sugar content present in sugar beet?
[A] 5 to 10 % [B] 12 to 15 %
[C] 20 to 25 % [D] 0 to 5 %
8. How many seeds are present in 1 gm of tobacco seeds?
[A] 1000 to 5000 [B] 5000 to 10000
[C] 11000 to 12000 [D] 15000 to 20000
9. Which coriander variety is pure line selection from Acc. No. 695 form IARI?
[A] Co.1 [B] Co.2
[C] Co.3 [D] CS 287
10. Which one is the origin of potato?
[A] India [B] Africa
[C] South America [D] China

[P. T. O.]

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

[4*5=20]

1. Write down the selection of wheat seed and sugarcane sets in detail.
2. Enlist sugarcane species and write down in detail characteristics of sugarcane species.
3. Write down the soil, climate and seed treatment of potato.
4. Write down the economic importance of potato and wheat.
5. Write down the application of fertilizer and irrigation of wheat crop.

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

[1*10=10]

1. Write down the different sugarcane planting methods in detail.
2. Write down the cultivation practices of Safflower.

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