

Hemchandracharya North Gujarat University
Community College
Advance Diploma in Agriculture and Soil Science
Semester- III
End term Examination, December-2018
Subject Code: - AS- 304
Subject: - Agronomy of field crops-II (Kharif crops)

Time: 2 hrs

Date: 13/12/2018

Marks: 40

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

[10*1=10]

1. *Vigna radiate* L. is a botanical name of which crop?
[A] Cotton [B] Rice
[C] Green gram [D] Black gram
2. Which crop has capability of nitrogen fixation in soil from air?
[A] Rice [B] Black gram
[C] Cotton [D] Maize
3. *Vigna radiate* L. is a botanical name of which crop?
[A] Cotton [B] Rice
[C] Green gram [D] Black gram
4. Leguminosae is family of which crop?
[A] Green gram [B] Soyabean
[C] A & B both [D] None of these
5. _____ crop is used for manufacturing of vanaspathi ghee.
[A] Cotton [B] Soyabean
[C] Black gram [D] All of these
6. Yellow mosaic virus is transmitted by _____.
[A] Whitefly [B] Leaf minor
[C] Aphid [D] Jassid
7. Main maize research station is located at _____.
[A] Godhra [B] S. K. Nagar
[C] Jagudan [D] Navsari
8. Which crop has capability of nitrogen fixation in soil from air?
[A] Rice [B] Black gram
[C] Cotton [D] Maize
9. _____ is Botanical name of rice crop.
[A] *Oryza sativa* L. [B] *Gossypium arboretum* L.
[C] *Zea mays* L. [D] *Cajanus cajan* L.
10. Write Down the full form of IRRI and CIRCOT.

[P.T.O.]

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

[4*5=20]

1. Write down the aftercare of rice nursery
2. Write down the type of maize in detail.
3. Write down the climate and soil requirement for maize crop.
4. Write down the intercultural operation like weeding, thinning, earthing up and watching for maize crop in detail.
5. Write down the seed treatment of cotton seed in detail

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

[1*10=10]

1. Write down the cultivation practices of cotton.
2. Write down the cultivation practices of pigeon pea.