

Hemchandracharya North Gujarat University
Advance Diploma in Agriculture and Soil Science
Semester III End Examination December 2016
AS- 304 Agronomy of Field Crops –II (Kharif crops)

Time: 2 hrs

Date: 22 /12/2016

Marks: 40

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

[10*1=10]

1. The protein content of milled rice is usually.....
[A] 1 to 2 % [B] 6 to 7 %
[C] 5 to 10 % [D] 15 to 20 %
2. is economically importance part in Sesame.
[A] Capsule [B] Fruit
[C] Pod [D] Drupe
3. is green Manure crop.
[A] Maize [B] Cotton
[C] Jute [D] Wheat
4. Percentage of Potash in MOP Fertilizer.
[A] 50% [B] 18%
[C] 46% [D] 60%
5. Removal of excess plant from the thick populated field is known as
[A] Weeding [B] Thinning
[C] Gap filling [D] Topping
6. Botanical name of Groundnut.
[A] *Cajanus cajan* [B] *Oryza sativa*
[C] *Mangifera indica* [D] *Arachis hypogaea*
7. Herbicide used as pre emergence in maize.
[A] Pendimethalin [B] Oxyflurorfen
[C] Targa super [D] Atrazine
8. Which crop is semi-aquatic crop?
[A] Maize [B] Sorghum
[C] Wheat [D] Rice
9. For balanced diet, daily gm of pulses/capita is required.
[A] 100 to 150 gm [B] 85 to 104 gm
[C] 50 to 100 gm [D] 150 to 200 gm
10. Which type crops are impotent for dry farming?
[A] Cereal crops [B] Pulse crops
[C] Fiber crops [D] Oil seed crops

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

[4*5=20]

1. Write down the aftercare of nursery in rice crop.
2. Write down the classification of sesame in detail .
3. Write short note on Economic importance of Cotton and sesame.
4. Write down package of practices of maize (seed and sowing, seed rate, spacing, fertilizer application and irrigation management).
5. Write short note on importance of pulse crops.

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

[1*10=10]

1. Write package of practices of green gram (Botanical name, family, origin, area and distribution, economic importance, climatic requirement, soil, field preparation, time and method of sowing, seed treatment, spacing, seed rate, manure and fertilizer, irrigation, weeding and interculturing, harvesting, varieties and yield).
2. Write down the required information in below table .

Crops	Botanical Name	Family	Origin	Seed rate	Spacing	Research station	Fertilizer	Yield
Rice								
Maize								
Sorghum								
Pearl millet								
Pigeon pea								
Mung bean								
Black gram								
Cotton								
Sesame								
Soybean								

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