



Agro.2105

KERALA AGRICULTURAL UNIVERSITY

B.Sc. (Hons.) Ag.

2012 & Previous Admission

III Semester Re-examination-March-2018

Field Crops I (2+1)

Marks: 80

Time: 3 hours

(10x1=10)

I State True or False

- 1 'Sreedhara' is a variety of coleus.
- 2 Amorphophallus is a root tuber.
- 3 *Triticum dicoccum* is known as common bread wheat.
- 4 Nancha crop of rice is usually raised during December – January in the high ranges of Kerala.
- 5 Vytilla 7 is a red rice variety recommended for coastal saline ecosystem of Kerala.
- 6 Haritha is a variety of Hybrid Napier released from KAU.
- 7 The highest productivity of tapioca in the world is in India.
- 8 Alfalfa is known as the king of fodder.
- 9 Sreyas is a medium duration variety of rice.
- 10 The most important wheat growing zone in India is the central zone.

II Write Short notes on ANY TEN of the following

(10x3=30)

- 1 Importance of tropical tuber crops
- 2 Types of corn
- 3 Sorghum poisoning
- 4 Aroids and their economic importance
- 5 Advantages of true potato seed (TPS)
- 6 Control of weedy rice
- 7 Rotational grazing
- 8 Hay making
- 9 Nutritional value of ragi
- 10 System of Rice Intensification
- 11 Types of wheat
- 12 Value added products in tapioca

III Answer ANY SIX of the following

(6x5=30)

- 1 Define pasture. What are the agronomic interventions for improving and managing degrade native pasture?
- 2 Give the importance and scope of millets in India and explain the production technology of ragi.
- 3 What are the production constraints for tuber crops? Give an account of the contributions of CTCRI towards the development of tuber crops in Kerala.
- 4 Discuss weed and water management practices in wheat.
- 5 Describe the systems of rice production in Kerala.
- 6 Explain the agronomic practices for sweet potato.
- 7 Give an account of the uses and cultivation practices of bajra.
- 8 Explain the cultivation practices to be followed in Guinea grass.

IV Write an essay on ANY ONE of the following

(1x10=10)

- 1 Give the classification of fodder crops with suitable examples. Explain in detail the methods of fodder preservation.
- 2 Describe the growth phases of rice and explain the schedule for fertilizers and manures, irrigation and weed management.
