



KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) Ag. 2016 Admission
III Semester Final Examination-February-2018
Crop Production Technology-I
(Cereals, Millets, Tuber and Fodder Crops)(1+1)

Agro.2104

Marks: 50
Time: 2 hours

- I Define the following (10x1=10)**
- 1 Puddling
 - 2 Hay
 - 3 Biofuels
 - 4 Golden rice
 - 5 Agrostology
 - 6 Ensiling
 - 7 Earthing up
 - 8 Millets
 - 9 Parboiling
 - 10 Pseudo cereals
- II Write Short notes on ANY FIVE of the following (5x2=10)**
- 1 Weed management in Sorghum
 - 2 Economic importance of Maize
 - 3 Value addition in cassava
 - 4 Verities and nutrient management of sweet potato
 - 5 Differentiate between Aerobic and SRI method of Paddy cultivation
 - 6 Differentiate between japonica, javanica and indica species of rice
 - 7 List the important challenges of yam production in India
- III Answer ANY FIVE of the following (5x4=20)**
- 1 Explain the different methods of nursery raising techniques in paddy and mention the advantages of each method
 - 2 Briefly discuss about classification of maize based on dent characteristics
 - 3 Write the constraints for fodder production and Mention the strategies for increasing quality fodder production in India
 - 4 Write in detail about the general cultivation practices of yams
 - 5 Explain about cultivation aspects of minor millets
 - 6 Write in detail about weed management in maize
 - 7 Discuss in detail about bad qualities of sorghum (sorghum poisoning, sorghum injury and pellagara)
- IV Write an essay on ANY ONE of the following (1x10=10)**
- 1 Explain the improved package of practices for irrigated paddy cultivation in Kerala
 - 2 Explain the improved package of practices for irrigated wheat cultivation
