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End Semester Examination, December 2024
B.Sc. (Hons.) Agriculture – III Semester
Crop Production Technology-I (Kharif Crops) (SAAG201A)

Time: 2.5 hrs.

Max Marks: 30

Instructions:

- 1) Question No. 1 under Section-A is compulsory.
- 2) Attempt any four from Q. No. 2 to Q. No. 6 under Section-B
- 3) Attempt any two from Q. No. 7 to Q. No. 9 under Section-C

Section-A(Compulsory)

1. (a) Fill in the blanks with appropriate words: 2
[CO-1] [L-1]
 - (i) Botanical Name of Pearl millet is.....
 - (ii) Khaira Disease of Rice is due to
1. (b) Give the term used for the following: 2
[CO-1] [L-1]
 - (i) Tillage
 - (ii) Seedbed
1. (c) Match the items given in Column-A with those in Column-B: 2
[CO-2] [L-5]

Column-A	Column-B
(i) Family of Sorghum is	(a) Leguminosae
(ii) Family of Mungbean is	(b) Poaceae

Section-B

2. (a) Discuss the impact of pests and diseases on Kharif crop yields.
- (b) Discuss the botanical description and production technology of Rice. 3[CO-3] [L-1]
3. Tabulate botanical name, family and varieties of crops)
Maize b) Mungbean (c) Pigeonpea 3[CO-3] [L-1]
4. Briefly explain about the nutrient management of Maize 3[CO-1] [L-2]
5. What is the climatic and growing environment of Soybean 3[CO-4] [L-1]
6. (a) Explain the importance of Sorghum
- (b) Differentiate between Kharif crops Rabi crops and crops. 3[CO-4] [L-2]

Section-C

7. (a) Discuss the role of seed selection and treatment in kharif crop production. 6[CO-4] [L-2].
8. (a) Explain weed management strategies in kharif crops.
- (b) Discuss the role Play by rice in the global economy and food security? 6[CO-4] [L-2]
9. Difference between drought avoidance and drought tolerance 6[CO-3] [L-2]