

Exam. Code : 107701

Subject Code : 2403

BFST (Hons.) Ist Semester

CROP SCIENCE

Paper—FST-103

Time Allowed—3 Hours]

[Maximum Marks—40

Note :— Answer any **FIVE** questions. All questions carry equal marks.

1. Enlist the important weed flora of rice crop and suggest suitable weed control measures.

Write down the advantages of sowing of direct seeded rice.

2. Describe the improved package of practices for raising summer moongbean crop. Why summer moong is preferred in Punjab ?
3. Write in table format about seed rate, seed treatment, time of sowing, method of sowing, plant to plant and row to row distance, fertilizer application per acre of :
 - (a) Soybean
 - (b) Mustard (*Gobhi sarson*).
4. (a) Write down five cropping system involving rice and five cropping systems involving potato.
 - (b) Enlist five varieties each of rice and wheat recommended for Punjab.

5. Write short notes on the following (any **FOUR**) :
- (a) *Consortium* inoculation in wheat
 - (b) Handling of kinnow
 - (c) Raising of rice nursery
 - (d) Earthing up of potato
 - (e) Puddling
 - (f) Dehaulm.
6. Write in table format about time of sowing, plant to plant and row to row distance, weed control and fertilizer application (per acre) of :
- (a) Ladyfinger
 - (b) Peas
7. (a) Enlist two varieties each of cabbage, tomato, cauliflower, potato and carrot.
- (b) Discuss propagation methods for kinnow and papaya.
8. Define crop. Classify crops according to growing season and life cycle with examples.