CROP PRODUCTION AND MANAGEMENT (CP & M)

II YEAR

PAPER I Management Field & Commercial Crops

TIME: 3 Hours **Max. Marks: 50**

SECTION-A

Note: i) Answer all Questions.
ii) Each question carries 2 marks **10x02=20**

1. Write symptoms of zinc deficiency and its correction in paddy.
2. Write about rhizobium seed treatment in legume crops.
3. Write climatic requirement of sugarcane and paddy.
4. Write suitable varieties of groundnut for rabi irrigated condition.
5. Explain the reasons for male flowers dominance in castor.
6. Explain about magnesium and boron nutrients deficiency symptoms in cotton.
7. Explain about seed treatment in sugarcane.
8. Write about desuckering in tobacco.
9. Write the scientific names of maize, greengram, sunflower and Mesta.
10. Define integrated pest management.

SECTION-B

Note: i) Answer any 5 Questions
ii) Each Question Carries 6 marks **5x6=30**

11. Write about nursery methods practiced in rice crops
12. Write about agronomic management of castor crop.
13. Describe seed rate fertilizer requirement, weed control for redgram.
14. Name the important pests symptoms of damage and control measures in cotton.
15. Write about curing methods in Tobacco
16. Write irrigation scheduled in sugarcane.
17. Write package of practices followed in Jowar crop
18. Write short notes on any two of the following :
    a) Hand pollination in sunflower
    b) Management of wilt in redgram
    c) Propping in sugarcane

Ψ

CROP PRODUCTION AND MANAGEMENT
(CP & M)
II YEAR
PAPER II Management of Horticultural Crops

TIME: 3 Hours **Max. Marks:50**

SECTION-A

Note: i) Answer all Questions.
ii) Each question carries 2 marks **10x02=20**

1. Define pomology.
2. Mention different types of nursery beds.
3. What is meant by sexual propagation?
4. Write grasses used in the lawns
5. Write scientific name for mango and tomato.
6. Give the climate suited for rose cultivation.
7. Name two varieties of coconut cultivated in A.P.
8. Name two insect pests of chillies.
9. Give the harvesting procedure for Tomato?
10. Give irrigation requirement for brinjal crop.

SECTION-B

Note: i) Answer any 5 Questions
ii) Each Question Carries 6 marks **5x6=30**

11. Briefly explain the package of practices adopted for Onionn?
12. Explain in detail about the plant protection in mango and banana.
13. Give the cultivation practices adopted for jasmine cultivation.
14. Name two plantation crops. Explain about the climate, varieties, propagation and manures & fertilizers from any one of plantation crop which you have mentioned.
15. Explain in brief the package of practices adopted for turmeric crop.
16. Give the cultivation practices adopted for bhendi crop.
17. Write fertilizer management for mango and citrus crops
18. Answer any two of the following:

a. Importance of Horticulture. b. Land scaping principles
c. Pruning in rose.

Ψ

CROP PRODUCTION AND MANAGEMENT (CP & M)

II YEAR

PAPER III Seed Production & Processing

TIME:3 Hours **Max. Marks:50**

SECTION-A

Note: i) Answer all Questions.
ii) Each question carries 2 marks **10x02=20**

1. Define 'seed'.
2. Mention the agencies involved in seed production.
3. What is meant by seed drying?
4. What is meant by seed processing?
5. Mention two important chemicals used for seed treatment.
6. What is meant by detasselling?
7. What is seed act?
8. What do you mean by isolation distance?
9. What is meant by hand pollination?
10. Define the term germination.

SECTION-B

Note: i) Answer any 5 Questions
ii) Each Question Carries 6 marks **5x6=30**

11. Explain in detail various classes of seed.
12. Mention general principles of seed production.
13. Give the certified seed production procedure for cotton
14. Explain the hybrid seed production procedure for rice.
15. Write about the seed certification procedure.
16. Briefly explain about seed processing.
17. Explain synchronization in hybrid seed production
18. Answer any two of the following:
    a) Sun drying
    b) TZ test
    c) Roughing

Ψ