

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Discuss the harmful effects of weed and explain in detail the various methods of weed control. (CO6)

Q.24 Give the detailed modern package of practices for growing of any one cereal crop in Haryana. (CO1)

Q.25 What are different methods of sowing? Also describe the working of seed drill? (CO4)

No. of Printed Pages : 4

Roll No.

220121

2nd Sem. / Branch: Agriculture Engg.

Subject : Crop Production

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 The process of mechanical manipulation of soil is called (CO3)

- a) Broadcasting b) Tillage
- c) Irrigation d) Levelling

Q.2 Broadcasting is a (CO4)

- a) Tillage operation b) Sowing method
- c) Irrigation method d) None of these

Q.3 Which one of the following crop has minimum water requirement (CO5)

- a) Bajra b) Maize
- c) Sugarcane d) Cotton

Q.4 Which one of the following is the weed control method (CO6)

- a) Agronomic practicesii
 - b) Mechanical Eradication
 - c) Biological
 - d) All of the above
- Q.5 Major crop of Haryana state is (CO1)
- a) Mustard b) Rice
 - c) Bajra d) Lentil
- Q.6 Which one of the following is not a method of applying fertilizers (CO6)
- a) Fogging
 - b) Broadcasting
 - c) Localized placement
 - d) Foliar application

SECTION-B

- Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)
- Q.7 Give two examples of crash crops. (CO1)
- Q.8 The cultivation of flowering and ornamental plants is called_____ (CO2)
- Q.9 Name two types of seeds. (CO4)
- Q.10 Which nutrient is supplied by Urea. (CO6)

- Q.11 State two sources of irrigation water. (CO5)
- Q.12 Name two methods of tillage. (CO3)

SECTION-C

- Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)
- Q.13 Describe different methods of irrigation. (CO5)
- Q.14 What is the need and importance of crop rotation? (CO2)
- Q.15 What is the importance of Intercultural operations? (CO6)
- Q.16 Write down for characteristics of good seed. (CO4)
- Q.17 Classify the plant nutrient elements and their importance. (CO6)
- Q.18 Write a note on ecofriendly pest management. (CO7)
- Q.19 What is the difference between mixed cropping and intensive cropping? (CO2)
- Q.20 What are different critical stages of water application? (CO5)
- Q.21 What are the different methods of tillage and its types? (CO3)
- Q.22 List different operations required for raising horticultural crops. (CO1)