

- Q.25 Describe the methods of intensive cropping.
- Q.26 Describe the factors affecting seed germination.
- Q.27 List different factors that affect crop production.
- Q.28 How the soil fertility can be maintained?
- Q.29 What are different critical stages of water application?
- Q.30 Describe the process of vermicomposting.
- Q.31 What are effect of tillage on soil characteristics and nutrient availability in soil.
- Q.32 Describe the factors affecting the harvesting of crops.
- Q.33 Describe different methods of seed placement in the soil.
- Q.34 What is the need and importance of the diversification in agriculture?
- Q.35 Give the importance of micro nutrient elements.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Describe the different special operations for raising/growing horticultural crops.
- Q.37 What are various methods of crop harvesting? Also state various factors affecting harvesting of crops?
- Q.38 Explain in detail the different methods of weed control.

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Roll No.

3rd Sem / Agri. Subject:- Crop Production

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Which one is the primary tillage equipment?
- a) Harrows b) Cultivators
- c) Disc Plough d) Planks
- Q.2 The chemicals used for the control of insect pests are called
- a) Insecticides b) Pesticides
- c) Fungicides d) Weedicides
- Q.3 Which of the following is a macronutrient
- a) Boron b) Zinc
- c) Copper d) Phosphorus
- Q.4 Weed dispersal is carried out by
- a) Air b) Water
- c) Birds d) All of the above

- Q.5 Which of these is a leguminous crop?
- a) Wheat b) Lentil
c) Rice d) Maize
- Q.6 Identify the agricultural method in which different crops are grown on a piece of land season after season.
- a) Monoculture b) Crop rotation
c) Shifting Culture d) Irrigation
- Q.7 Guar is grown in the season of
- a) Kharif b) Rabi
c) Both A & B d) Zaid
- Q.8 The system of irrigation where water is supplied drop by drop near the roots of plants is called
- a) Sprinkler System b) Drip System
c) Pulley System d) Lever System
- Q.9 It is the chemical manipulation of soil to provide favourable conditions for crop production.
- a) Crop diversification b) Rotation
c) Tillage d) Irrigation
- Q.10 The practice of growing two or more crops on the same piece of land during one growing season.
- a) Mixed cropping b) Mono cropping
c) Intensive cropping d) Crop rotation

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SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Name any two methods of irrigation.
- Q.12 The cultivation of flowering and ornamental plants is called_____.
- Q.13 Define pruning.
- Q.14 Wheat is usually harvested in the month of_____.
- Q.15 Define Dibbling.
- Q.16 Name two types of plant nutrients.
- Q.17 The process of loosening and turning the soil is known as_____
- Q.18 Define Tillage.
- Q.19 Name two horticultural crops.
- Q.20 Gram is a leguminous crop. (True/False)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Describe the primary and secondary tillage operation.
- Q.22 What is the difference between mixed cropping and intensive cropping?
- Q.23 Explain the agronomical methods of weed control.
- Q.24 Write the different characteristics of good seed.

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