

- 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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**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

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- 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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