

- Q.27 Describe the various factors that affecting the harvesting of crops.
- Q.28 Describe the different methods of irrigation.
- Q.29 Classify the plant nutrient elements and their importance.
- Q.30 Write down the importance of intercultural operation.
- Q.31 Explain how soil fertility can be maintained?
- Q.32 Write a short note on modern techniques for raising paddy crop.
- Q.33 Write a short note on zero tillage.
- Q.34 Differentiate between dibbling and seed drilling methods of sowing.
- Q.35 Give four tips for safe storage and better handling of fertilizers.

#### **SECTION-D**

- Note:** Long answer type questions. Attempt any two questions out of three questions.  $(2 \times 10 = 20)$
- Q.36 Describe the harmful effects of weeds and explain in detail the various methods of weed control.
- Q.37 Describe various factors that cause damage to crops? How these factors can be controlled?
- Q.38 What are the different methods of tillage? Explain the effect of tillage on the soil characteristics and nutrient availability.

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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  $(10 \times 1 = 10)$

- Q.1 The study of soil as natural resources on surface of earth is called
- a) Agrology                            b) Apiculture  
c) Entomology                        d) Soil Science
- Q.2 Broadcasting is a
- a) Harvesting method                b) Tillage operation  
c) Irrigation method                d) Sowing method
- Q.3 The process of removing seeds from their pods/earheads is called
- a) Harvesting                        b) Threshing  
c) Weeding                            d) Cutting
- Q.4 Which one of the following crops has minimum water requirement
- a) Bajra                              b) Cotton  
c) Sugarcane                        d) Wheat

- Q.5** Which one of the following is not a method of applying fertilizers  
a) Broadcasting      b) Localized placement  
c) Fogging            d) Foliar application
- Q6** The crops which are grown in winter season  
a) Kharif             b) Rabi  
c) Zaid                d) Monsoon
- Q.7** The plants that compete for nutrients and water with main crop is called  
a) Crop                b) Weed  
c) Root                d) All of these
- Q8** Which one of the following is cash crop in respective of Haryana state?  
a) Cotton              b) Wheat  
c) Paddy               d) Gram
- Q.9** Which one of the following crops has not a leguminous crop?  
a) Grams               b) Beans  
c) Peas                d) None of these
- Q.10** Zero tillage process is also called as  
a) No-till farming    b) Minimum tillage  
c) Small till farming d) Deep tillage

## **SECTION-B**

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 Names of any two types of seeds.  
Q.12 Define weed.  
Q.13 Define agriculture.  
Q.14 Define harvesting.  
Q.15 Define irrigation.  
Q.16 Name any two types of fertilizers.  
Q.17 Give any two methods of harvesting of the grain crops.  
Q.18 Give any two methods of tillage.  
Q.19 Give two examples of oilseed crops.  
Q.20 Define apiculture.

## **SECTION-C**

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Explain the crop production as an art and science.  
Q.22 Describe the characteristics of good seeds.  
Q.23 Enlist different methods of harvesting? Explain any one.  
Q.24 Write a short note on crop diversification.  
Q.25 What is the difference between mixed cropping and intensive cropping.  
Q.26 List four operations required for raising horticultural crops.