

- Q.27 Explain biological methods of weed control.
- Q.28 What are secondary nutrients? Also explain their importance.
- Q.29 What is the need and importance of seed treatment?
- Q.30 List various inputs required for crop production.
- Q.31 What is crop diversification and write its advantages?
- Q.32 Write a short note on IPM.
- Q.33 What are the benefits of vermicompost?
- Q.34 How the soil fertility can be maintained?
- Q.35 What are the factors that affect the crop production?

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 What is tillage? List out various methods of tillage. How do you select the method of tillage to be adopted in different situations?
- Q.37 What do you understand by the plant protection? Briefly explain the different agents/factors causing damage to the crops.
- Q.38 Define harvesting. Enlist different methods of harvesting. Also state various factors affecting harvesting of crops.

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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 of the following crop known as cash crop_____.
- a) Mustard b) Cotton
- c) Wheat d) All the above
- Q.2 Which classification of tillage initial major soil working operations?
- a) Primary tillage b) Secondary tillage
- c) Tertiary tillage d) None
- Q.3 The tag colour of foundation seeds
- a) White b) Golden yellow
- c) Purple d) Red
- Q.4 The plants that compete for nutrients and water with main crop are called_____.
- a) Roots b) Plants
- c) Weeds d) All the above
- Q.5 Growing of legume crop in between wheat crops is called_____.
- a) Crop improvement b) Crop rotation
- c) Mixed cropping d) Rotational intensity

- Q.6 Dibbling is a
 a) Harvesting method b) Tillage operation
 c) Irrigation method d) Sowing method
- Q.7 It is the depth of water required to raise a crop over a unit area across the base period _____.
 a) Duty b) Delta
 c) Irrigation d) Requirement
- Q.8 The process of mechanical manipulation of soil is called
 a) Tillage b) Broadcasting
 c) Irrigation d) Levelling
- Q.9 Which of the following is not a harvesting method?
 a) Plucking b) Reaping
 c) Digging d) Drilling
- Q.10 _____ refers to the application of biological, physical and chemical agents and techniques that can be applied to seeds to provide them protection.
 a) Seedling b) Seed drill
 c) Seed treatment d) Seed placement

SECTION-B

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

- Q.11 The same kind of plants grown and cultivated on a large scale at a place is called _____.
 Q.12 For growing a crop, sufficient sunlight, _____ and _____ from the soil are essential.

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- Q.13 Undesirable or unwanted plants that grow along with crop plants which reduces crop productivity are known as _____.
 Q.14 _____ is the combination of harvester and thresher which harvest crops and also separates the grains.
 Q.15 Kharif season is from _____ to _____.
 Q.16 It has an arrangement of pipes or tubes with small holes from which plants are watered drop by drop at the base of the root is known as _____.
 Q.17 Weedicides are the chemical which is sprayed in the fields to kill the _____.
 Q.18 Zero till drill is also called as _____.
 Q.19 For seed bed preparation, implements used _____.
 Q.20 Leguminous crops are sown for _____ fixation in soil.

SECTION-C

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

- Q.21 How the crop production is a science. Briefly discuss.
 Q.22 Write briefly about the principles of crop rotation?
 Q.23 What are the differences between intercropping and mixed cropping?
 Q.24 Define seed. What is good seed?
 Q.25 Write the differences between primary and secondary tillage?
 Q.26 List out the methods of irrigation.

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