

- Q.20 Write down the importance of intercultural operations. (CO6)
- Q.21 What are the characteristics of good seed? (CO4)
- Q.22 Classify the crops based on their utility with example. (CO1)

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)
- Q.23 Explain any four factors that affect harvesting of crops. (CO7)
- Q.24 Discuss about classifications of various plant nutrient elements. Also write down its importance. (CO6)
- Q.25 Explain the different methods of tillage. Write down the effect of tillage on the soil characteristic and nutrient availability. (CO3)

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Sem. 2nd/ Agri Sub. : Crop Production

Time : 3 Hrs.

M.M. : 60

SECTION-A

- Note:** Multiple choice questions. All questions are compulsory (6x1=6)
- Q.1 Which one of the following is/are the weed control method? (CO6)
- Agronomic practices
 - Mechanical practices
 - Biological practices
 - All the above
- Q.2 The Most cultivated crop in India among cereals is (CO1)
- Rice
 - Wheat
 - Cotton
 - Mustard

- Q.3 It is the depth of water required to raise a crop over a unit area across the base period is called_____. (CO5)
- a) Irrigation b) Delta
c) Duty d) Requirement
- Q.4 Which classification of tillage have initial major soil working operations? (CO3)
- a) Primary tillage b) Secondary tillage
c) Tertiary tillage d) None
- Q.5 Which one of the following crops has not a leguminous crop? (CO2)
- a) Grams b) Beans
c) Peas d) None of these
- Q.6 _____ is the process of removing seeds from their seed pods. (CO7)
- a) Harvesting b) Planting
c) Threshing d) Broadcasting

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Leguminous crops are sown for _____ fixation in soil. (CO2)

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- Q.8 Define organic fertilizers. (CO6)
- Q.9 Define weed. (CO6)
- Q.10 List of two cash crops. (CO1)
- Q.11 The scientific study of insects is called _____.(CO1)
- Q.12 The tag colour of breeder seeds is _____. (CO4)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Write down four suggestions for safe storage and better handling of fertilizers. (CO6)
- Q.14 Explain the concept of art, science and business in crop production. (CO1)
- Q.15 What are the advantages of crop rotation? (CO2)
- Q.16 Highlights the four strategies to maintain the soil fertility. (CO6)
- Q.17 Enlist different methods of weed control. Briefly explain any one of them. (CO6)
- Q.18 Describe the factors affecting the seed germination. (CO4)
- Q.19 What are the necessities of water application for crops? (CO5)

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