

SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 What are the various agents/factors which cause damage to crops? Explain in brief. Describe the management of controlling the damage.
- Q.4 What is soil fertility? Discuss its importance. And explain the methods to maintain the soil fertility of soil.
- Q.5 Name any four cereal crops and explain the package of practice for growing any one cereal crop of Haryana.
- Q.6 Give the classifications of crops based on their utility and seasons of growing along with examples of each type of crop.
- Q.7 What are various methods of harvesting different crops. Discuss the various factors affecting the harvesting.

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3rd Sem. / (Agricultural Technology)

Subject : Crop Production

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1 a) Foundation seed.
b) Silviculture.
c) Agronomy.
d) Fertilizer.
e) Dibbling.
f) Rabi Crop.
g) Macronutrients.
h) Digging.
i) Apiculture.
j) Lodging Resistance.
k) Farm Yard Manure.

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- l) Kharif crops.
- m) Crop Yield.
- n) Irrigation.
- o) Organic Farming.
- p) Seed Rate.
- q) Olericulture.
- r) Avicides.

SECTION-B

Note: Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) How the crop production is as an art? Discuss.
 - ii) What are the advantages and disadvantages of transplanting.
 - iii) List any four vegetable and four oilseed crops.
 - iv) What is the principle of crop rotation.
 - v) Name the various irrigation methods being adopted in Haryana.

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- vi) Write a short note on cropping systems.
- vii) What the need & importance of seed treatment.
- viii) What are the critical stages of water application to plants.
- ix) List various inputs required for crop production.
- x) Explain the procedure for prepatration of vermicompost.
- xi) Discuss the importance of crop diversification.
- xii) What are the internal factors affecting crop production.
- xiii) Briefly explain the various types of tillage methods.
- xiv) List any four fertilizers and four pesticides
- xv) Give the difference between rainfed farming and irrigated farming.

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