

- Q.20 Write a short note on advanced protected agricultural systems. (CO4)
- Q.21 Discuss about the utility repairs and structural repairs of greenhouse. (CO5)
- Q.22 Describe the components of overhead sprinklers systems. (CO5)

SECTION-D

Note: Long answer questions. Attempt any two questions out of three Questions. (2x8=16)

- Q.23 What do you understand by advanced protected agricultural systems? Explain in details. (CO5)
- Q.24 What are the criteria for design and construction of plastic film greenhouse? (CO1)
- Q.25 Explain green house and its advantages. What are criteria for selection of crops for green houses? (CO2)

No. of Printed Pages : 4
Roll No.

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4th Sem.
Branch : Agriculture
Sub. Green House Technology

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (6x1=6)

- Q.1 Greenhouse effect is due to the (CO3)
- a) Ozone layer in the atmosphere
 - b) Infrared layer
 - c) Moisture layer
 - d) CO₂ layer
- Q.2 Which of the following is not a greenhouse gas (CO1)
- a) Ozone gas
 - b) Methane
 - c) SO₂
 - d) CO₂
- Q.3 Which of the following is main consideration while selection site for a greenhouse? (CO2)
- a) Solar radiation
 - b) Water
 - c) Microclimate
 - d) Wind

- Q.4 Which of the following country ranks first in green house cultivation in world? (CO1)
- a) India b) Japan
- c) China d) USA
- Q.5 What type of greenhouse is constructed on hilly terrain? (CO2)
- a) Uneven span types green house
- b) Even span type greenhouse
- c) Lean to type greenhouse
- d) None of these
- Q.6 Which among the following is greenhouse type based on shape? (CO2)
- a) Lean to type b) Even span type
- c) Ridge and furrow type d) All of these

SECTION-B

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

- Q.7 Which gas is present in greenhouse in very high quantity? (CO3)
- Q.8 Direction of a green house should be _____. (CO2)
- Q.9 Enlist types of loans of greenhouse. (CO2)

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- Q.10 Give the material names that are generally used for side posts. (CO1)
- Q.11 PAR stands for _____. (CO3)
- Q.12 Which covering materials is maximum light transmission in greenhouse? (CO1)

SECTION-C

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

- Q.13 What is the concept behind greenhouse technology? (CO1)
- Q.14 Enlist the greenhouse types based on the construction. (CO1)
- Q.15 What is the automated watering system? (CO2)
- Q.16 Describe the parameters of site selection of greenhouse. (CO2)
- Q.17 Explain any four environmental factors that affect the greenhouse environment. (CO3)
- Q.18 What do you understand by rules of watering? (CO4)
- Q.19 Describe the greenhouse effect. Give names of greenhouse gases. (CO1)

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