

Q.22 Differentiate between liquid hydroponics and aggregate hydroponics. (CO4)

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SECTION-D

Note: Long answer type 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. (CO4)

Q.24 Describe the various environmental factors in green house environment. (CO3)

Q.25 Explain green house and its advantages. What are criteria for selection of crops for green houses? (CO2)

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4th Semester/ Agriculture Subject : Green House Technology

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 What should be the direction of a greenhouse. (CO2)

- a) East to West b) South to North
- c) East to South d) North to South

Q.2 The commercial utilization of greenhouses in India started from (CO1)

- a) 1986 b) 1988
- c) 1978 d) 1990

Q.3 The one which is not considered as naturally occurring greenhouse gas is (CO3)

- a) CFC's b) Nitrogen dioxide
- c) CH₄ d) Hydrogen

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- Q.4 Global warming is caused by (CO2)
 a) Greenhouse gases b) Methane gas
 c) Nitrogen dioxide d) Hydrogen
- Q.5 The phenomenon of increase in the ambient temperature, due to the formation of the blanket of carbon dioxide is known as _____. (CO3)
 a) Climate effect b) Environment effect
 c) Green house effect d) All of these
- Q.6 Which type of green house is constructed on hilly terrain? (CO5)
 a) Saw tooth type b) Lean-to type of
 c) Even span type d) Uneven span type

SECTION-B

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

- Q.7 Which country ranks first in green house cultivation in the world? (CO1)
- Q.8 High grade panels have long even up to _____.(CO2)
- Q.9 Full form of PAR. (CO3)
- Q.10 Write full form of ASCE. (CO4)

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- Q.11 Give the material names that are generally used for side posts. (CO5)
- Q.12 Which gas is present in green house in very high quantity? (CO2)

SECTION-C

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

- Q.13 Discuss about different scopes of greenhouse technology. (CO1)
- Q.14 How does the greenhouse effect work? (CO1)
- Q.15 List out green house covering material with their life span? (CO2)
- Q.16 Write down advantages and disadvantages of advanced protected agricultural systems. (CO3)
- Q.17 What is the automated watering system? (CO4)
- Q.18 Discuss about the utility repairs and structural repairs of green house. (CO5)
- Q.19 Describe the components of overhead sprinklers systems. (CO4)
- Q.20 Enlist green house types based on shape. (CO1)
- Q.21 Explain factors affecting site selection of green house. (CO2)

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