



(6)

OR

AGFC - 558 : Protected Cultivation

Group - A

Answer any *five* questions : 2×5=10

1. What is cladding material? Give one example.
2. Define fertigation.
3. Name any two artificial lights used in greenhouse.
4. What is automation in greenhouse?
5. What is mist chamber?
6. Define hydroponics.
7. What is shade net house?
8. Write one advantage of protected cultivation in India.

Group - B

Answer any *four* questions : 5×4=20

9. Explain different types of protected structures.
10. Describe cladding materials used in greenhouse.
11. Explain environment control in greenhouse.
12. Describe soil preparation and management in protected cultivation.

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13. Describe propagation of quality planting material under protected conditions.
14. Write a short note on greenhouse cultivation of tomato.

Group - C

Answer any *two* questions : 10×2=20

15. Discuss importance, scope and advantages of protected cultivation in India and the World.
16. Describe greenhouse design, environmental control systems and automation.
17. Discuss greenhouse cultivation practices of rose and gerbera.
18. Write in detail about off-season production of flowers and vegetables under protected structures.



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