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SVS 335 B-2K12

B.Sc. Vth Semester Degree Examination

Botany

Ecology. En-Biology, Conservation and Management of Plant-Resources

Plant-Propagation in Nursery Management

Paper - 5.2

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates.

- 1) Answer **all** the questions.
- 2) Diagrams will enhance the value of Answers.

Section - A

L Answer the followings :

(1×15=15)

- 1) What is Biosphere?
- 2) What is food chain?
- 3) Define synecology
- 4) What are sciophytes?
- 5) What is E.Cad?
- 6) What is Mulching?
- 7) What are endemic species.
- 8) Expand, IUCN.
- 9) What is fossil fuel? Give an example.
- 10) What is secondary succession?
- 11) What is psamosere?
- 12) Define Vivipary in Plants.
- 13) What are Aerosoles?
- 14) What are Bio-degradable pollutants?
- 15) What is smog.?

Section - B

II. Answer any **five** of the followings.

(5×5=25)

16. What is an Ecosystem? Explain Grassland ecosystem.
17. What are ecological pyramids? Explain pyramid of Biomass.
18. What is Acid Rain? Mention the causes.
19. Explain the method of Plant - Propagation by Grafting.
20. What is Noise pollution? Explain its causes and effects.
21. What are Epiphytes? Write the morphological and Anatomical adaptations of Epiphytes.
22. What is Remote sensing? Add a note on its applications.

Section - C

III. Answer any **four** of the followings:

(10×4=40)

23. What is Hydrosere? Explain the stages of Hydrosere.
24. Write notes on:
 - i) Vegetation of Karnataka.
 - ii) Red - data Book.
25. Explain the morphological and Anatomical adaptations of xerophytes.
26. What is water pollution? Write the causes effect and control measures of it.
27. What is pond Ecosystem? Explain the components of pond Ecosystem.
28. Describe the floristic regions of India.

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