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SVS 319 B-14

B.Sc Vth Semester Degree Examination

BOTANY

**(Ecology, Environmental Biology Conservation & Management of plant
Resources Plant Propagation & Nursery Management)
Paper - 5.2**

Time : 3 Hours

Maximum Marks : 80

Instructions to candidates:

1. Answer all the sections
2. Draw diagrams wherever necessary

SECTION - A

I Answer the following questions

(15×1=15)

- 1) Define Autecology
- 2) What are ephemerals?
- 3) What are producers?
- 4) Who coined the term Ecosystem?
- 5) Expand WWF
- 6) What are Esturian communities?
- 7) What is acid rain?
- 8) Name two Hot spots of India.
- 9) Define species diversity.
- 10) What is layering?
- 11) What is Minamata disease?
- 12) What are E-cads
- 13) What are Epiphytes?
- 14) What is red data book?
- 15) What are coniferous forests?

SECTION-B

II Answer any five of the following (5×5=25)

- 16) Write a note on Trophic levels in an ecosystem?
- 17) Write the morphological and anatomical adaptations of Halophytes?
- 18) Explain the method of plant propagation by Grafting?
- 19) What is Noise pollution ? Explain its effects and control measures.
- 20) Explain the activities of BNHS?
- 21) What is remote sensing? Mention its applications?
- 22) Explain renewable energy resources?

SECTION - C

III Answer any four of the following (10×4=40)

- 23) Define plant succession ? Explain the stages of Hydrosere.
 - 24) What are Xerophytes ? Explain their morphological and anatomical adaptations?
 - 25) Write note on
 - a) Global warming
 - b) Nuclear winter
 - 26) Define phytogeography ? Explain aquatic plant communities?
 - 27) What is soil pollution ? Write the causes, effects and control measures of it?
 - 28) Describe the vegetation of karnataka?
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