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SVS 319 B-15
B.Sc. Vth Semester Degree Examination
Botany

**(Ecology, Environmental Biology conservation & management of plants re-
sources- plant propagation&nursery management)**

Paper : 5.2

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

- i) Answer all the sections
- ii) Draw diagrams wherever necessary.

Section-A

I. Answer the following Questions:

(15×1=15)

- 1) Define synecology.
- 2) What is food chain?
- 3) What are halophytes?
- 4) Expand BOD.
- 5) What are Hot spots?
- 6) Define genetic diversity.
- 7) What is smog?
- 8) Expand NEERI
- 9) What is noise pollution?
- 10) What is budding?
- 11) What are Endangered species?
- 12) What is remote sensing?
- 13) What are carnivores?
- 14) Write any one importance of green house ?
- 15) What are Ecotypes?

Section-B

II. Answer any **Five** of the following:

(5×5=25)

- 16) Write a note on parasitic Angiosperms?
- 17) Explain the activities of IUCN?
- 18) Write the morphological and anatomical adaptation of Epiphytes?
- 19) What are natural forests? Write their importance in biodiversity.
- 20) What are Ecological pyramids? Explain pyramid of energy?
- 21) Explain the method of plant propagation by cutting?
- 22) What is Radio active pollution? Explain its effects and control measures?

Section-C

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

(4×10=40)

- 23) What are Hydrophytes? Explain their morphological, and anatomical adaptations?
- 24) What is Hydrosere? Explain the stages of Hydrosere?
- 25) What is air pollution? Write the causes, effects and control measures of it?
- 26) Write note on :
 - i) Global warming
 - ii) Vegetation of Karnataka
- 27) Describe the floristic regions of India.
- 28) With a neat Labelled diagram explain the pond ecosystem.