

SARASWATI MAHILA MAHAVIDHYALAYA, PALWAL

LESSON-PLAN

Class: B.Sc. Final year (Ist sem)
 Subject: Botany (Ind Paper)

Semester: ODD/EVEN
 Session: 2020-21

Lecture Number	Topic
1	Ecology - Definition, scope.
2.	Importance of Ecology, Levels of organization
3.	Environment - Introduction, water.
4.	Atmospheric Humidity, Temperature
5.	Light
6.	Atmosphere - Gases and wind
7.	Biotic factors - Interaction among plants growing in a community
8.	Interaction b/w plants and microorganism Interaction b/w plants and animals.
9	Effects of Human Activities on vegetation
10.	EDAPHIC factors - Imp. of soil, formation of soil
11	Soil Profile and soil horizon
12.	Soil str. and physical-chemical properties
13.	Ecological Adaptations - Hydrophytes
14-	Some common - Hydrophytes (Examples)
15.	Xerophytes - characteristics
16.	Some common - xerophytes (Examples)
17-	Halophytes.

Signature:

Preethi
Chandley

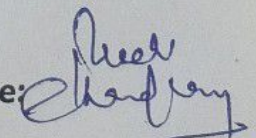
SARASWATI MAHILA MAHAVIDHYALAYA, PALWAL

LESSON-PLAN

Class: B.Sc. Final (Vth sem)
 Subject: Botany (IInd paper)

Semester: ODD/EVEN ✓
 Session: 2020-21

Lecture Number	Topic
18-	Population Ecology - Basic concept, characteristics
19-	Population str. and Population Ecology.
20-	Community Ecology - Qualitative character. Life forms and Biological spectrum
21	Community Ecology - Quantitative characteristics
22.	Quantitative analysis of plant community.
23.	Plant Succession - cause and Types of Succession
24	Hydrosera, Xerosea
25	Ecosystem - Types, characteristics, str of ecosystem
26.	Food chain and food web
27-	Ecological pyramid, Energy flow in ecosystem
28-	Biogeochemical cycles
29.	Phytogeography - patterns of plant distribution
30	phytogeography
31	Major vegetation Types of India
32	Environmental pollution - Air pollution
33	Some serious problems caused by Air pollution
34	Water pollution - sources of water pollution

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SARASWATI MAHILA MAHAVIDHYALAYA, PALWAL

LESSON-PLAN

Class: P. Sc. Final (IVth sem)
Subject: Botany (IInd paper)

Semester: ODD/EVEN
Session: 2020-21

Lecture Number	Topic
35	Solid waste pollution
36	Noise pollution

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