

# SARASWATI MAHILA MAHAVIDHYALAYA, PALWAL

## LESSON-PLAN

Class: B.Sc Ist yr

Semester: ODD/EVEN

Subject: Life & Diversity (Zoology)

Session: 2020-21

Lecture Number	Topic
1.	Introduction To invertebrates
2.	Protozoa: characters, classification and examples.
3.	Protozoa: Biodiversity and Economic importance
4.	Plasmodium Vivax:- Introduction, Distribution, Habitat, Habits, Lifecycle
5.	Asexual cycle And Schizogony in Man
6.	Sexual cycle of Plasmodium in mosquito.
7.	Parasitic protozoans:- Entamoeba histolytica, Entamoeba gingivalis
8.	Trypanosoma, Polymorphism in Trypanosoma, Leishmania, Giardia intestinalis.
9.	Porifera: characters, classification & examples.
10.	Porifera, Biodiversity And Economic importance
11.	Porifera: scypha:- Habitat, Habits, morphology, Canal system
12.	Histology of sponges
13.	Skeleton of sponges, physiology of sponges
14.	Reproduction in sponges, Development
15.	Metamorphosis & Regeneration
16.	Canal system in sponges
17.	Grades in canal system

Signature:

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Lecture Number	Topic
18	Skeleton in sponges
19	Coelenterata: characters classification and examples
20	Coelenterata: Biodiversity and economic importance
21	Obelia:- Habitat, Habits, Polymorphism in Obelia
22	Blautostyle or Gonozooid, Medusae
23	Physiology of Obelia colony
24	Alternation of generation, Homology between polyp and Medusa
25	Polymorphism in Coelenterata, Basic types of zooids
26	Coral Reefs, type of coral reefs, Economic importance
27	Platyhelminthes, Characteristics, classification & examples
28	Fasciola hepatica (sheep liver fluke) Habits, morphology, Body wall.
29	Parenchyma, excretory system
30	Nervous system, sense organ, Reproductive system
31	Development And life history
32	Larval stages in life history of Fasciola hepatica
33	Nature of life history
34	Parasitic adaptations

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