**MONTHLY LESSON PLAN**

**B. Sc. MEDICAL 5th SEMESTER**

**SUBJECT: ZOOLOGY, SESSION 2022-23**

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| **CMG GCW BHOIA KHERA, FATEHABAD** |
| **Name Of the Assistant/ Associate Professor** | **Dr. Vijay Singh** |
| **Class**  | **B.Sc. III (Medical)5th Semester** |
| **Subject:** | **Zoology**  |
| **Nomenclature:** | **Paper- I Environmental Biology****Paper-II Evolution and Developmental Biology** |
| **Month** | **Topics** |
| **August, 2022** | * Gametogensis : Spermatogenesis, Oogenesis
* Ferilization
* Cleavages, Blastulation,
* Gastrulation
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| **September, 2022** | * Development of Frog
* Development of Chick
* Extra embryonic Membranes
* Regeneration
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| **October,2022** | * Origin of life.
* Concept and evidences of organic evolution.
* Theories of organic evolution.
* Concept of micro, macro-and mega-evolution.
* Concept of species
* Phylogeny of horse.
* Evolution of man.
* Group Discussion on origin of Life
* Assignment –I Evolution of Horse
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| **November, 2022** | * Ecology: Introduction and basic Concept
* Environmental Abiotic and Biotic factors.
* Ecosystem: Basic Concept
* Biomass: Major Ecosystems
* Population: Growth and Regulation
* Biodiversity and Natural Resources
* Assignment-II Biomass: Major Ecosystem
* Class Test : Biomass: Major Ecosystem
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| **December, 2022** | * Migration of Fishes and birds
* Parental Care
* Biotic Community and Population Interactions
* Class test : Biogeochemical cycles
* Revision and doubts Paper-1
* Revision and doubts Paper-II
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 **Dr. Vijay Singh**

 **Associate Professor of Zoology**