**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 |
| **September, 2022** | * Development of Frog * Development of Chick * Extra embryonic Membranes * Regeneration |
| **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 |
| **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 |
| **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 |

**Dr. Vijay Singh**

**Associate Professor of Zoology**