**LESSON PLAN**

**Name of teacher: Ms. Aanchal jain Academic session: 2020-2021**

**Semester: Even semester Month: APRIL**

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| Sr. No. | SUBJECT | CLASS | TOPICS/chapters to be covered | Other activities |
| 1. | Zoology | B.Sc. 1st year MEDICAL( 2nd semester) | Phylum- Annelida general characters and classification, Type study- *Pheretima*, Elements of heredity and variations, varieties of gene interactions  PRACTICAL WORK | Introduction to syllabus |
| 2. | Zoology | B.Sc. 2nd year MEDICAL ( 4Th semester) | CLASS- AMPHIBIA- general characters , classification, type study- frog, CIRCULATION- origin, conduction and regulation of heart beat, cardiac cycle, Electrocardiogram, fluid pressure and flow pressure in closed and open circulatory system  PRACTICAL WORK | Introduction to syllabus |
| `3. | Zoology | B.Sc. 3rd year MEDICAL( 6th semester) | Introduction to parasitology, insect pests of sugarcane and cotton  PRACTICAL WORK | Introduction to syllabus |

**Name of teacher: Ms. Aanchal jain Academic session: 2020-2021**

**Semester: Even semester Month: MAY**

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| Sr.No. | SUBJECT | CLASS | TOPICS/chapters to be covered | Other activities |
| 1. | ZOOLOGY | B.Sc. 1st year M(2nd semester) | Type study- *Pheretima* continued, Metamerism in CLASS- ANNELIDA , Trocophore larva, CLASS - ARTHROPODA general characters and classification, type study- Grasshopper, Linkage and recombination, sex determination and its mechanisms, Sex linked inheritance  PRACTICAL WORK | Avian fauna photography competition |
| 2. | ZOOLOGY | B.Sc. 2nd year M (4th semester) | Type study – Frog continued, parental care in amphibian, CLASS- REPTILIA , CIRCULATION continued, RESPIRATION, EXCRETION  PRACTICAL WORK | Avian fauna photography competition |
| 3. | ZOOLOGY | B.Sc. 3rd year M ( 6th semester) | Insect pests of wheat and paddy, insect pests of vegetables, introduction to world and indian fisheries, fresh-water fishes of India, Fishing crafts and gears, brackish water culture, insect pests of stored grains  PRACTICAL WORK | Avian fauna photography competition |

**ASSIGNMENT 1 :**

**B.Sc. 1st year – SEX DETERMINATION AND ITS MECHANISMS**

**B.Sc. 2nd year – poisonous and non- poisonous snakes, poison apparatus in snakes**

**B.Sc. 3rd year – fishing crafts and gears**

**TEST 1 –**

**B.Sc. 1st year - Type study- *Pheretima***

**B.Sc. 2nd year- Type study- Frog**

**B.Sc. 3rd year- Various insect pests**

**Name of teacher: Ms. Aanchal jain Academic session: 2020-2021 Semester: Even semester Month: JUNE**

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| Sr.No. | SUBJECT | CLASS | TOPICS/ chapters to be covered | Other activities |
| 1. | ZOOLOGY | B.Sc. 1st year M (2nd semester) | Phylum- Mollusca , Phylum - Echinodermata, extra chromosomal and cytoplasmic inheritance , Multiple allelism, human genetics  PRACTICAL WORK | Environment Quiz and poster making. Assignment and test. Discussion on assignment and test |
| 2. | ZOOLOGY | B.Sc. 2nd year M (4th semester) | CLASS- AVES, CLASS- MAMMALS, Neural integration  PRACTICAL WORK | Environment Quiz and poster making. Assignment and test. Discussion on assignment and test |
| 3. | ZOOLOGY | B.Sc. 3rd year M (6th semester) | Biological control of insects, chemical control of insects, Integrated Pest Management, bird pests and their management, rodent pests and their management  PRACTICAL WORK | Environment Quiz and poster making. Assignment and test. Discussion on assignment and test |

**ASSIGNMENT 2:**

**B.Sc. 1st year – presentation on various topics**

**B.Sc. 2nd year – presentation on various topics**

**B.sc. 3rd year- presentation on various topics**

**TEST2 :**

**B.Sc. 1st year - Type study- grasshopper**

**B.Sc. 2nd year - Type study- *Hemidactylus***

**B.Sc. 3rd year – Aquaculture1**

**Name of teacher: Ms. Aanchal jain Academic session : 2020-2021**

**Semester: Even semester Month: JULY**

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| Sr.No. | SUBJECT | CLASS | TOPICS/chapters to be covered | Other activities |
| 1. | ZOOLOGY | B.Sc. 1st year M (2nd semester) | Phylum- Hemichordata, Inborn errors of metabolism in man, Nature and Function of Genetic Material, Mutations and Applied genetics  PRACTICAL WORK | Written test and students presentation and doubt sessions. |
| 2. | ZOOLOGY | B.Sc. 2nd year M( 4th semester) | Neural integration continued, chemical integration and endocrinology and reproduction  PRACTICAL WORK | Written test and students presentation and doubt sessions. |
| 3. | ZOOLOGY | B.Sc. 3rd year M(6th semester) | Fish seed production, fish feed, techniques of fish culture, management and marketing of fishes and their products, latest advancements in aquaculture technology.  PRACTICAL WORK | Written test and students presentation and doubt sessions. |