Lesson Plan

Teacher name: Dr. shikha jaggi

Subject; zoology

Class bsc1 paper 1

April 2021

|  |
| --- |
| Phylum – Annelida : i) General characters and classification up to order level ii) Biodiversity and economic importance of Annelida iii) Type study – Pheretima (Earthworm) |

May 2021

|  |
| --- |
| Metamerism in Annelida v) Trochophore larva Phylum – Arthropoda : i) General characters and classification up to order level ii) Biodiversity and economic importance of insects |

June 2021

|  |
| --- |
| Type study – Grasshopper 3. Elements of Heredity and variations. 4. The varieties of gene interactions 5. Linkage and recombination: Coupling and repulsion hypothesis, crossing-over and chiasma formation; gene mapping. 6. Sex determination and its mechanism : male and female heterozygous systems, |

July 2021

|  |
| --- |
| Sex linked inheritance: Haemophilia and colour blindness in man, eye colour in Drosophila, Non-disjunction of sex-chromosome in Drosophila; Sex-linked and sex-influenced inheritance 8. Extra chromocomal and cytoplasmic inheritance: i) Kappa particles in Paramecium ii) Shell coiling in snails. iii) Milk factor in mice. |