Odd Semester Lesson Plan

Teacher name: DR.SHIKHA JAGGI

**Life and Diversity from Coelentrata to Helminths & Cell Biology – II**

October 2020

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| **Phylum – Coelentrata :**i) General characters and classification up to order levelii) Biodiversity, economic importanceiii) Type Study - *Obelia*iv) Corals and coral reefsv) Polymorphism in Siphonophoresiv) Helminths parasites : Brief account of life history,  |

November 2020

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| 2. **Phylum – Helminths :**i) General characters and classification up to order levelii) Biodiversity, economic importanceiii) Type study – *Fasciola hepatica;* |

December 2020

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| mode of infection and pathogenesityof *Schistosoma, Ancylostoma, Trichinella, Wuchereria* and *Oxyuris.*1. Ultrastructure and functions of Nucleus : Nuclear membrane, nuclear lamina, nucleolus, fine |

January2021

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| structure of chromosomes, nucleosome concept and role of histones, euchromatin andheterochromatin, lampbrush chromosomes and polytene chromosomes.2. Mitosis and Meiosis (Cell reproduction) |

February 2021

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| 3. Brief account of causes of cancer.4. An elementary idea of cellular basis of Immunity. |