Odd Semester Lesson Plan

Teacher name: DR.SHIKHA JAGGI

**Paper-II : Evolution and Developmental Biology**

October 2020

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| 1. Origian of life.  2. Concept and evidences of organic evolution.  3. Theories of organic evolution. |

November 2020

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| 4. Concept of micro, macro-and mega-evolution.  5. Concept of species  6. Phylogeny of horse |

December 2020

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| 7. Evolution of man.  8. Historical perspectives, aims and scope of developmental biology.  9. Generalized structure of mammalian ovum & sperm, spermatogenesis and Oogenesis |

January2021

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| fertilization, parthenogenesis, different types of eggs and patterns of cleavage.  10. Proces of blastulation and fate-map construction in grog and chick.  11. Gastrulation in frog and chick upto the formation of three germinal layers.  12. Elementary knowledge of primary organizers. |

February 2021

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| 13. Elementary knowledge of extra embryonic membranes.  14. Concepts of competence, determination and differentiation.  15. Concept of regeneration |