Saraswati Mahila Mahavidyalaya, Palwal

 **Lesson Plan**

**Name of the Assistant/Associate Professor: Ms. Raj Rani**

**Class and Section: B.sc 1st year, B.sc 2nd, B.sc 3rd**

**Name of subject: Zoology / Botany (Theory/Lab)**

**Subject Lesson Plan : 18 weeks(from January 2018 to April 2018)**

**(Note: Prepare as per list of holidays declared by Haryana govt.)**

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| **WEEK 1**  |
| **ASSIGNMENT: B.sc 2nd year (Bot)** |
| **WEEK 1,DAY1 ,DATE :01/01/2018(MONDAY)** |
|  **B.sc 2nd need and type of respiration Lab work T.S of Hellion thus steam** **Principle of exchange of gases T.S of huffa steam**  |
| **WEEK 1 ,DAY 2 ,DATE :02/01/2018(TUESDAY) B.sc 2nd year (Bot)**  |
|  **B.sc 3rd year practical – External morphology T.S of Banayana Leaf** **pyrilla peopusila T.s of Nerium Leaf** |
| **WEEK 1,DAY 3 ,DATE :03/01/2018(WEDNESDAY)** |
| **B.sc 3rd year practical –External morphology of**  **Stored grains**  |
| **WEEK 1 ,DAY 4 ,DATE :04/01/2018(THURSDAY)** |
| **B.sc 1st year general character** **B.sc 3rd sugarcane leaf hopes sits life cycle**  **Sugarcane white fly****B.sc 3rd year (ZOO) external morphology of sugarcane leaf hopper**  |
| **WEEK 1,DAY 5 ,DATE :05/01/2018(FRIDAY)** |
|  **Holiday on account of Guru Govind Singh’s Birthday** |
| **WEEK 1 ,DAY 6 ,DATE :06/01/2018(SATURDAY)** |
|  |
| **WEEK 2**  |
| **ASSIGNMENT: B.sc 2nd year (Bot)** |
| **WEEK 2,DAY1 ,DATE :08/01/2018(MONDAY)** |
| **B.sc 2nd year oxygen dissociation lurve and oxygen Lab work- Ranunculaceae family** **Dissociation curve of myoglobin**  |
| **WEEK 2 ,DAY 2 ,DATE :09/01/2018(TUESDAY)** |
| **B.sc 3rd year practical – life cycle and external morphology of sugarcane root borer****Lab B.sc 2nd year (Bot) Ranunculaceae family** |
| **WEEK 2,DAY 3 ,DATE :10/01/2018(WEDNESDAY)** |
| **B.sc 3rd year practical – External morphology of top borer** |
| **WEEK 2 ,DAY 4 ,DATE :11/01/2018(THURSDAY)** |
| **B.sc 1st year classification up to class****B.sc 3rd year Sugarcane root borer and sugarcane root borer****Lab B.sc 3rd year (zoo) – External morphology of sugarcane root borer**  |
| **WEEK 2,DAY 5 ,DATE :12/01/2018(FRIDAY) B.sc 1st year** |
| **B.sc 1st year alternation of generation Lab work****B.sc 2nd year pulmonary air volume , mechanism museum specimen**  **Of external of gases . peripat****B.sc 3rd year gurdaspur borer . paltnlon**  **. palinurus** |
| **WEEK 2 ,DAY 6 ,DATE :13/01/2018(SATURDAY) B.sc 1st year** |
| **B.sc 1st year gametophyte of merchantia** **B.sc 2nd year transport of O2 and CO2 Lab - museumspeimen:-****B.sc 3rd year test of unit 1st :eupargurns , ball** **: saculilina ,hep** |
| **WEEK 3** |
| **ASSIGNMENT:**  |
| **WEEK 3,DAY1 ,DATE :15/01/2018(MONDAY) B.sc 2nd** |
| **B.sc 2nd year control of respiration Lab- Brassicaceal family** |
| **WEEK 3 ,DAY 2 ,DATE :16/01/2018(TUESDAY)** |
| **B.sc 3rd year practical – External morphology of the gurda spur borer** **Lab B.sc 2nd year (Bot) malvaceae** |
| **WEEK 3,DAY 3 ,DATE :17/01/2018(WEDNESDAY)** |
| **B.sc 3rd year practical – External morphology of the rice steam borer**  |
| **WEEK 3 ,DAY 4 ,DATE :18/01/2018(THURSDAY)** |
| **B.sc 1st year Vegetive Reproduction in merchantia and sexual reproduction****B.sc 3rd year pink bollworm and its eye cycle****b.sc 3rd year (zoo) External Morphology of Gurdo spurborer**  |
| **WEEK 3,DAY 5 ,DATE :19/01/2018(FRIDAY) B.sc 1st year** |
|  **Lab work****B.sc 1st year Archegonia receptive : lepisma** **B.sc 2nd year Needs, type and pattern of excretion : periplareta****B.sc 3rd year Red cotton bug and cotton grey weevil : schistocera**  |
| **WEEK 3 ,DAY 6 ,DATE :20/01/2018(SATURDAY)**  **Labwork**  **b.sc 1st year****B.sc 1st year Structure of sporogenium and life cycle :poecilocerous****B.sc 2nd year Excretory system of man :gryllus****B.sc 3rd year cotton jasid :mantis** **:cicada** |
| **WEEK 4** |
| **ASSIGNMENT:** |
| **WEEK 3,DAY1 ,DATE :22/01/2018(MONDAY)** |
|  **Holiday on account of Basant Panchmi.** |
| **WEEK 4 ,DAY 2 ,DATE :23/01/2018(TUESDAY)** |
| **B.sc 3rd year External morphology of rice Gandhi bag** |
| **WEEK 4,DAY 3 ,DATE :24/01/2018(WEDNESDAY)** |
|  **Holiday on account of Sir Chotu Ram Jayanti.** |
| **WEEK 4 ,DAY 4 ,DATE :25/01/2018(THURSDAY)** |
| **B.sc 1st year gametophytic plant body and regetative reproduction****B.sc 3rd year wheat stem borer and its life cycle****B.sc 3rd year (Zoo) External morphology of rice gandhibug**  |
| **WEEK 4,DAY 5 ,DATE :26/01/2018(FRIDAY)** |
|  **Holiday on account of Republic Day.** |
| **WEEK 4 ,DAY 6 ,DATE :27/01/2018(SATURDAY)** |
|  **B.sc 1st year Sexual reproduction**  **B.sc 3rd year Gandhi bug and its eye cycle** |
| **WEEK 5** |
| **ASSIGNMENT: lab** |
| **WEEK 5,DAY1 ,DATE :29/01/2018(MONDAY) B.sc 2nd yaer (Bot)** |
| **B.sc 2nd year Structure of Nephron Rutaceae family** **And Renal blood supply** |
| **WEEK 5 ,DAY 2 ,DATE :30/01/2018(TUESDAY)** |
| **B.sc 3rd year External morphology of rice grass hopper** **Lab B.sc 2nd year (Bot) fabaceal (heguminasac)** |
| **WEEK 5,DAY 3 ,DATE :31/01/2018(WEDNESDAY)** |
|  **Holiday on account of Guru Ravi Dass Jayanti** |
| **WEEK 5 ,DAY 4 ,DATE :01/02/2018(THURSDAY)** |
| **B.sc 1st year Structure of Sporogenium****B.sc 3rd year Rice grass hopper and rice stem borer****Lab B.sc 3rd year (Zoo) – External morphology of the rice bottle** |
| **WEEK 5,DAY 5 ,DATE :02/02/2018(FRIDAY) B.sc 1st**  |
|  **Lab work** **B.sc 1st year arrtholeros a synthetic genius for ficula**  **B.sc 2nd year orinithin cycle and physiology of urine form dragonfly** **B.sc 3rd year rice hispa termite** **Dsysdercus**  |
| **WEEK 5 ,DAY 6 ,DATE :03/02/2018(SATURDAY)** **B.sc 1st year Gametophyte of fun aria BOMBY** **B.sc 2nd year Composition of normal urine Apis** **And mic urition Polistes** **B.sc 3rd year Scolopendre** |
| **WEEK 6** |
| **ASSIGNMENT:** |
| **WEEK 6,DAY1 ,DATE :05/02/2018(MONDAY)** |
| **B.sc 2nd year test****Lab - B.sc 2nd test (Bot) cucurbitaceal** |
| **WEEK 6 ,DAY 2 ,DATE :06/02/2018(TUESDAY)** |
|  **B.sc 3rd year External morphology of the rise beetle** **Lab – B.sc 3rd year (Bot) Sub family papiliontae** |
| **WEEK 6,DAY 3 ,DATE :07/02/2018(WEDNESDAY)** |
| **B.sc 1st year Spotting of lab specimen**  |
| **WEEK 6 ,DAY 4 ,DATE :08/02/2018(THURSDAY)** |
| **B.sc 1st year Sexual reproduction in fun aria** **B.sc 3rd year the Red pumpkin beetle and** **Its eye cycle****Lab – B.sc 3rd year (zoo) – wheat steam borer** |
| **WEEK 6,DAY 5 ,DATE :09/02/2018(FRIDAY) B.sc 1st year** |
|  **Lab- . Palamnaeus** **. Aranea** **. Limulus** **.beetle** |
| **WEEK 6 ,DAY 6 ,DATE :10/02/2018(SATURDAY)** |
|  **Holiday on account of Maharshi Dayanand Saraswati Jayanti.** |
| **WEEK 7** |
| **ASSIGNMENT:** |
| **WEEK 7,DAY1 ,DATE :12/02/2018(MONDAY)** |
| **B.sc 2nd year test****Lab- B.sc 2nd year (Bot) umbelliferal family** |
| **WEEK 7 ,DAY 2 ,DATE :13/02/2018(TUESDAY)** |
| **Holiday on account of Maha Shivaratri.** |
| **WEEK 7,DAY 3 ,DATE :14/02/2018(WEDNESDAY)** |
| **B.sc 1st year saprophyte of fun aria****B.sc 3rd year Practical External morphology of red cotton bug** |
| **WEEK 7 ,DAY 4 ,DATE :15/02/2018(THURSDAY)** |
| **B.sc 1st year Saprophyte of fun aria****B.sc 3rd year the pumptein fruitfly and vegetable mite****Lab B.sc 3rd year (zoo) – melan fly** |
| **WEEK 7,DAY 5 ,DATE :16/02/2018(FRIDAY) B.sc 1st year** |
|  **B.sc 1st year Advenled feature of saprophyte mytilus** **Of funaria ostrea** **B.sc 2nd year Counter current mechanism cardium** **B.sc 3rd year the hadda bettle pholas** |
| **WEEK 7 ,DAY 6 ,DATE :17/01/2018(SATURDAY) B.sc 1st year** |
|  **Lab work - solen** **Pectin** **Patella** **Heliotis**  |
| **WEEK 8** |
| **ASSIGNMENT:** |
| **WEEK 8,DAY1 ,DATE :19/02/2018(MONDAY)** |
| **B.sc 2nd year Exertion test** |
| **WEEK 8 ,DAY 2 ,DATE :20/02/2018(TUESDAY)** |
| **Lab B.sc 2nd year (Bot) - File work**  **B.sc 3rd year (Zoo)** |
| **WEEK 8,DAY 3 ,DATE :21/02/2018(WEDNESDAY)** |
| **B.sc 3rd year (Zoo) File work** |
| **WEEK 8 ,DAY 4 ,DATE :22/02/2018(THURSDAY)** |
| **B.sc 1st year (Bot) – Test funaria** **B.sc 3rd year (Zoo) – Test****B.sc 3rd year (Lab) – file work** |
| **WEEK 8,DAY 5 ,DATE :23/02/2018(FRIDAY)** |
| **B.sc2nd year (Zoo) – Excretion****B.sc 3rd year (Zoo) - test****B.sc 3rd year (Lab) – File work** |
| **WEEK 8 ,DAY 6 ,DATE :24/02/2018(SATURDAY)** |
|  **Revision** |
| **WEEK 9** |
| **ASSIGNMENT:** |
| **WEEK 9,DAY1 ,DATE :26/02/2018(MONDAY)** |
| **B.sc2nd year Osimoregulutory roleof kidney** **Lab B.sc 2nd year (Bot) Asteraceae family**  |
| **WEEK 9 ,DAY 2 ,DATE :27/02/2018(TUESDAY)** |
| **B.sc 3rd year practical – External morphology of wheat stem borer****Lab B.sc 2nd year (Bot) Asclepiadoceal family** |
| **WEEK 9,DAY 3 ,DATE :28/02/2018(WEDNESDAY)** |
|  **VACATION –II** |
| **WEEK 9 ,DAY 4 ,DATE :01/03/2018(THURSDAY)** |
|  **VACATION -II** |
| **WEEK 9,DAY 5 ,DATE :02/03/2018(FRIDAY)** |
|  **VACATION -II** |
| **WEEK 9 ,DAY 6 ,DATE :03/03/2018(SATURDAY)** |
|  **VACATION -II** |
| **WEEK 10** |
| **ASSIGNMENT:** |
| **WEEK 10,DAY1 ,DATE :05/03/2018(MONDAY)** |
|  **B.sc 2nd year Neuron and types of Neuron** **Lab B.sc 2nd year (Bot) salananceae family**  |
| **WEEK 10,DAY 2 ,DATE :06/03/2018(TUESDAY)** |
| **B.sc 3rd year Practical – External morphology of aubacophra faveicolis** **Lab B.sc 2nd year (Bot) Labiate Family** |
| **WEEK 10,DAY 3 ,DATE :07/03/2018(WEDNESDAY)** |
| **B.sc 3rd year practical – External morphology of Red pumpkin beetle**  |
| **WEEK 10,DAY 4 ,DATE :08/03/2018(THURSDAY)** |
| **B.sc 1st year General characters alternation of generation in pteriadophyta** **B.sc 3rd year pulse beetle and its life cycle** **Lab B.sc 3rd year (Zoo) hadda bettle**  |
| **WEEK 10,DAY 5 ,DATE :09/03/2018(FRIDAY) B.sc 1st** |
|  **B.sc 1st year Rhynia (psilopsida) Lab - aplysia** **B.sc 2nd year nervo impulse limax** **Doris** **loligo**  |
| **WEEK 10 ,DAY 6 ,DATE :10/03/2018(SATURDAY) B.sc 1st year** |
|  **B.sc 1st year Selaginallo plant body Lab - sepia** **B.sc 2nd year mechanism of conduction octopus** **B.sc 3rd year Rice weevil and wheat weevil nautilus** |
| **WEEK 11** |
| **ASSIGNMENT:** |
| **WEEK 11,DAY1 ,DATE :12/03/2018(MONDAY)** |
| **B.sc 2nd  year conduction through synapse****Lab B.sc 2nd year liliaceal family** |
| **WEEK 11,DAY 2 ,DATE :13/03/2018(TUESDAY)** |
| **B.sc 3rd year practical – External morphology of melon fly****Lab B.sc 2nd year – praceae family**  |
| **WEEK 11,DAY 3 ,DATE :14/03/2018(WEDNESDAY)** |
| **B.sc 3rd year Practical – External morphology of the vegetable mite**  |
| **WEEK 11,DAY 4 ,DATE :15/03/2018(THURSDAY)** |
| **B.sc 1st year Anatomy of selaginalla** **B.sc 2nd year wheat and rust red flour bustles** **Lab B.sc 3rd year (Zoo) Red flour bettle** |
| **WEEK 11,DAY 5 ,DATE :16/03/2018(FRIDAY) B.sc 1st year** |
| **B.sc 1st year Reproduction of sporogenium Lab- asterias****B.sc 2 nd year synaptic delay , fatigue , interpretation Ectirias** **cucumaria****Lab B.sc 3rd year Letter grain borer ophilothnix** |
| **WEEK 11 ,DAY 6 ,DATE :17/03/2018(SATURDAY) B.se 1st year** |
|  **B.sc 1st year Aduct saprophyte of equisetum Lab- antedon** **B.sc 2nd year Endocrine gland upto thyroid astrophyton** **B.sc 3rd year Grain and flour molh**  |
| **WEEK 12** |
| **ASSIGNMENT:** |
| **WEEK 12,DAY1 ,DATE :19/03/2018(MONDAY)** |
| **B.sc 2nd year Parathyroid gland , adrenal gland****Lab B.sc 2nd year (Bot) file complete** |
| **WEEK 12,DAY 2 ,DATE :20/03/2018(TUESDAY)** |
|  **B.sc 3rd year Practical – External morphology of hadda bettle** **Lab 2nd year (Bot) Spotting of flowers**  |
| **WEEK 12,DAY 3 ,DATE :21/03/2018(WEDNESDAY)** |
| **B.sc 3rd year Practical – External morphology of pest of stored grains** |
| **WEEK 12,DAY 4 ,DATE :22/03/2018(THURSDAY)** |
| **B.sc 1st year Anatomy of Equisetum****B.se 3rd year Insect control****Lab B.sc 3rd year (Zoo) – the lesser grain borer** |
| **WEEK 12,DAY 5 ,DATE :23/03/2018(FRIDAY)** |
|  **Holiday on account of Shahidi diwas.** |
| **WEEK 12 ,DAY 6 ,DATE :24/03/2018(SATURDAY) B.sc 1st year** |
|  **B.sc 1st year Reproduction in Equisetum Lab - balanoglosses** **B.sc 2nd year Hypothalamus , pituitary gland T.S of pheretima**  **B.sc 3rd year Biological control T.S of Tyanloslar** **Setat of region earthwarm** |
| **WEEK 13** |
| **ASSIGNMENT:** |
| **WEEK 13,DAY1 ,DATE :26/03/2018(MONDAY)** |
| **B.sc 2nd year Pancreases , Gonads****Lab B.sc 2nd year (Bot) poaceae family** |
| **WEEK 13,DAY 2 ,DATE :27/03/2018(TUESDAY)** |
| **B.sc3rd year Practical study of permanent slide of whole mount of yolk** **B.sc 2nd year (Bot) Euphorbiaceous family**  |
| **WEEK 13,DAY 3 ,DATE :28/03/2018(WEDNESDAY)** |
| **B.sc 3rd year practical – study of permanent slides of frog**  |
| **WEEK 13,DAY 4 ,DATE :29/03/2018(THURSDAY)** |
|  **Holiday on account of Mahavir jayanti.** |
| **WEEK 13,DAY 5 ,DATE :30/03/2018(FRIDAY) B.sc 1st year** |
|  **B.sc 1st year The gametophyte of equisetum Lab – mouth part of (oekroach o.m )** **B.sc 2nd year mechanism of action of hormone trachea of cockreasn**  **B.sc 3rd year Chemical control T.s statcyst of prawn**  |
| **WEEK 13 ,DAY 6 ,DATE :31/03/2018(SATURDAY) B.sc 1st year** |
|  **B.sc 1st year Sex organ of Equisetum -mouth parts of male cuclex**  **B.sc3rd year Test of unit 3rd - mouth parts of female culex** **-Heat and mouth parts of housefly** |
| **WEEK 14** |
| **ASSIGNMENT:** |
| **WEEK 14,DAY1 ,DATE :02/04/2018(MONDAY)** |
| **B.sc 2nd year Gametogenesis** **Lab B.sc 2nd year (Bot) – To dissect Globular embryo** |
| **WEEK 14,DAY 2 ,DATE :03/04/2018(TUESDAY)** |
| **B.sc 3rd year practical – project**  **Prawn culture** **Pear culture** **Life history of honey bill** **Stages of lye history of silk mouth** **Lab B.sc 2nd year (Not) – To dissect out heart shape embryo** |
| **WEEK 14,DAY 3 ,DATE :04/04/2018(WEDNESDAY)** |
|  |
| **WEEK 14,DAY 4 ,DATE :05/04/2018(THURSDAY)** |
| **B.sc 1st year The embryo of equisetum** **B.sc 3rd year Test unit 2nd****Lab - B.sc 3rd year(Zoo) Study of permanent slides of frog** |
| **WEEK 14,DAY 5 ,DATE :06/04/2018(FRIDAY) B.sc 1st year** |
|  **B.sc 1st year Petri’s adult saprophyte Lab- radula of pila**  **B.sc 2nd year Structure of gametes ospharidium of pila** **B.se 3rd year integrated pest management T.s of starfish** |
| **WEEK 14 ,DAY 6 ,DATE :07/04/2018(SATURDAY)** |
|  **B.sc 1st year Reproduction**  **B.sc 2nd year Capacation and Ovulation**  **B.sc 3rd year Rodent pest** |
| **WEEK 15** |
| **ASSIGNMENT:** |
| **WEEK 15,DAY1 ,DATE :09/04/2018(MONDAY)** |
| **B.sc 2nd year menstrual cycle fertilization and implantation** **Lab – B.sc 2nd year (Bot) – Slides of different plasma**  |
| **WEEK 15,DAY 2 ,DATE :10/04/2018(TUESDAY)** |
| **B.sc 2nd year Gestation** **B.sc 3rd year practical – file work****Lab- B.sc 2nd year (bol) – file work** |
| **WEEK 15,DAY 3 ,DATE :11/04/2018(WEDNESDAY)** |
| **Lab B.sc 3rd year (Zoo) – file work**  |
| **WEEK 15,DAY 4 ,DATE :12/04/2018(THURSDAY)** |
| **B.sc 1st year Gametophyte of pteris****B.sc 2nd year Origin and conduction of heat and control****B.sc 3rd year Study of permanent slides of chick embryo** |
| **WEEK 15,DAY 5 ,DATE :13/04/2018(FRIDAY) B.sc 1st year** |
|  **B.sc 1st year The young saprophyte of pteris Lab – file work** **B.sc 2nd year Cardiac cycle and Electro cardiogram**  **B.sc 3rd year Revision**  |
| **WEEK 15 ,DAY 6 ,DATE :14/04/2018(SATURDAY) fill work** |
| **Holiday on account of Vaisakhi & Dr B.R. Ambedkar’s Jayanti.** |
| **WEEK 16** |
| **ASSIGNMENT:** |
| **WEEK 16,DAY1 ,DATE :16/04/2018(MONDAY)** |
| **B.sc 2nd year Cardial output , blood plasma** **Lab B.sc 2nd year (Bot) – Revision of Experiment.** |
| **WEEK 16,DAY 2 ,DATE :17/04/2018(TUESDAY)** |
| **B.sc 3rd year (practical) – Revision of exp.****Lab B.sc 2nd year (Bot) – Revision of Experiment.** |
| **WEEK 16,DAY 3 ,DATE :18/04/2018(WEDNESDAY)** |
| **Holiday on account of Maharshi Pasuram Jayanti** |
| **WEEK 16,DAY 4 ,DATE :19/04/2018(THURSDAY)** |
| **B.sc 1st year Revision****B.sc 3rd year Practical revision of experiment**  |
| **WEEK 16,DAY 5 ,DATE :20/04/2018(FRIDAY)** |
|  **B.sc 1st year Revision**  **B.sc 2nd year Human blood** |
| **WEEK 16 ,DAY 6 ,DATE :21/04/2018(SATURDAY)** |
|  **B.sc 1st year Revision** **B.sc 2nd year Blood coagulation**  |
| **WEEK 17** |
| **ASSIGNMENT:** |
| **WEEK 17,DAY1 ,DATE :23/04/2018(MONDAY)** |
| **B.sc 2nd year Haemopoiesis****Lab B.sc 2nd year (Bot) Revision of Exeriment**  |
| **WEEK 17,DAY 2 ,DATE :24/04/2018(TUESDAY)** |
| **B.sc 2nd year Practical revision of experiment** **Lab B.sc 2nd year (Bot) Revision of Experiment**  |
| **WEEK 17,DAY 3 ,DATE :25/04/2018(WEDNESDAY)** |
| **Lab B.sc 3rd year Practical Revision of Experiment** **Lab B.sc 2nd year (Bot) Revision of Exeriment**  |
| **WEEK 17,DAY 4 ,DATE :26/04/2018(THURSDAY)** |
| **B.sc 1st  year - Revision**  |
| **WEEK 17,DAY 5 ,DATE :27/04/2018(FRIDAY)** |
| **B.sc 1st  year - Revision** **Lab B.sc 2nd year - Revision**  |
| **WEEK 17 ,DAY 6 ,DATE :28/04/2018(SATURDAY)** |
| **B.sc 1st  year - Revision** **Lab B.sc 2nd year - Revision**  |
| **WEEK 18** |
| **ASSIGNMENT:** |
| **WEEK 18,DAY1 ,DATE :30/04/2018(MONDAY)** |
|  |