**Post Graduate Govt. College for Girls, Sector-42, Chandigarh**

**Teaching Plan Session (2016-17)**

**Class:** B Sc II  **Name of Teacher: Dr. Dalip Kumar**

**Subject:** Zoology  **Period:** II (week 1st)

**Paper: Biochemistry and Animal Physiology Room No:** 126/ 221

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| **S.no** | **Date From** | **Date Upto** | **Topics to be covered** |
| Week 1 | Jan 11, 2017 | Jan 14, 2017 | Lipid metabolism: β – oxidation of fatty acids |
| Week 2 | Jan 16, 2017 | Jan 21, 2017 | ---- |
| Week 3 | Jan 23, 2017 | Jan 28, 2017 | Lipid metabolism: Fate of glycerol and gluconeogenesis |
| Week 4 | Jan 30, 2017 | Feb 04, 2017 | ---- |
| Week 5 | Feb 06, 2017 | Feb 11, 2017 | Lipid metabolism: Interaction of carbohydrates and lipids |
| Week 6 | Feb 13, 2017 | Feb 18, 2017 | ---- |
| Week 7 | Feb 20, 2017 | Feb 25, 2017 | Lipid metabolism: Lipogenesis in tissues, Ketosis |
| Week 8 | Feb 27, 2017 | Feb 28, 2017 | ---- |
| **First week March (Mid Sem Exam)** | | | |
| Week 9 | March 09, 2017 | March 11, 2017 | Neural Integration: Structure of neuron, resting membrane potential |
| Week 10 | March 13, 2017 | March 18, 2017 | ---- |
| Week 11 | March 20, 2017 | March 25, 2017 | Neural Integration: origin and propagation of impulse along the axon |
| Week 12 | March 27, 2017 | April 01, 2017 | ---- |
| Week 13 | April 03, 2017 | April 08, 2017 | Neural Integration: Synapse and myoneural junction |
| Week 14 | April 10, 2017 | April 15, 2017 | ---- |
| Week 15 | April 17, 2017 | April 22, 2017 | Endocrine System: Structure, hormones , function of thyroid gland, parathyroid gland, adrenal gland, pineal gland and its hormones |
| Week 16 | April 24, 2017 | April 29, 2017 | ---- |
| Week 17 | April 30, 2017 | May 6, 2017 | Endocrine System: Structure, hormones , function of hypothalamus, pituitary, pancreas, thymus and their hormones, hormones of alimentary canal and kidney |