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

**Teaching Plan Session (2017-18)**

**Class:** B Sc II  **Name of Teacher: Divya Sharma**

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

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

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| **S. No.** | **Date from** | **Date upto** | **Topics to be Covered** |
| Week 1 | Jul. 22, 2017 | Jul. 29, 2017 | Biochemistry and its scope; Carbohydrates, proteins,: their classifications and functions. |
| Week 2 | Jul. 31, 2017 | Aug. 05, 2017 |  |
| Week 3 | Aug. 07, 2017 | Aug. 12, 2017 | Lipids and Nucleic acids: their classifications and functions. |
| Week 4 | Aug. 14, 2017 | Aug. 19, 2017 |  |
| Week 5 | Aug. 21, 2017 | Aug. 26, 2017 | Transport of O2 and CO2, Oxygen dissociation curve of haemoglobin, |
| Week 6 | Aug. 28, 2017 | Sep. 02, 2017 |  |
| Week 7 | Sep. 04, 2017 | Sep. 09, 2017 | Bohr effect, chloride shift, Haldane effect and control of breathing. |
| Week 8 | Sep. 11, 2017 | Sep. 16, 2017 |  |
| Week 9 | Sep. 18, 2017 | Sep. 23, 2017 | Origin and regulation of heart beat, cardiac cycle, electrocardiogram |
| Week 10 | Sep. 25, 2017 | Sep. 29, 2017 |  |
| **October 10-17, 2017 (Mid-Semester Exams)** | | | |
| Week 12 | Oct. 23, 2017 | Oct. 28, 2017 |  |
| Week 13 | Oct. 30, 2017 | Nov. 04, 2017 | Digestion of dietary constituents, regulation of digestive processes and absorption. |
| Week 14 | Nov. 06, 2017 | Nov. 11, 2017 |  |
| Week 15 | Nov. 13, 2017 | Nov. 18, 2017 | cardiac output, blood pressure and micro-circulation |
| Week 16 | Nov. 20, 2017 | Nov. 25, 2017 |  |
| Week 17 | Nov. 27, 2017 | Dec. 03, 2017 | Revision of cardiac cycle, Oxygen dissociation curve of haemoglobin, |