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

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

**Class:** B Sc I **Name of Teacher: Sonu Bala**

**Subject:** Zoology  **Period:** II

**Paper: Biodiversity & Ecology I & II Room No:** 126/ 219

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| **S.no** | **Date From** | **Date Upto** | **Topics to be covered** |
| Week 1 | Jan 11, 2017 | Jan 14, 2017 | Ecology : Subdivisons & scope of ecology |
| Week 2 | Jan 16, 2017 | Jan 21, 2017 | Inter and intraspecific interactions: competition, predation, parasitism, commensalism, ammensalism. |
| Week 3 | Jan 23, 2017 | Jan 28, 2017 | Ecosystem: Components, ecological energetics. |
| Week 4 | Jan 30, 2017 | Feb 04, 2017 | Ecological relationships & mutualism. |
| Week 5 | Feb 06, 2017 | Feb 11, 2017 | Food web, introduction to major ecosystems of the world. |
| Week 6 | Feb 13, 2017 | Feb 18, 2017 | Biotic community: characteristics, and ecological niche. |
| Week 7 | Feb 20, 2017 | Feb 25, 2017 | Ecological factors : Temperature, light |
| Week 8 | Feb 27, 2017 | Feb 28, 2017 | Biotic community: ecological succession. |
| **First week March (Mid Sem Exam)** | | | |
| Week 9 | March 09, 2017 | March 11, 2017 | Ecological factors: light, soil. |
| Week 10 | March 13, 2017 | March 18, 2017 | Nutrient: Biogeochemical cycles & concept of limiting factors. |
| Week 11 | March 20, 2017 | March 25, 2017 | Natural resources: Renewable and non-renewable natural resources and their conservations. |
| Week 12 | March 27, 2017 | April 01, 2017 | Ecological: Morphological, physiological adaptations. |
| Week 13 | April 03, 2017 | April 08, 2017 | Environmental: causes, impact and control of air and water pollution. |
| Week 14 | April 10, 2017 | April 15, 2017 | Behavioural adaptations in animals in different habitats. |
| Week 15 | April 17, 2017 | April 22, 2017 | Environmental: causes, impact and control of land and noise pollution. Degradation (air, water, land, noise). |
| Week 16 | April 24, 2017 | April 29, 2017 | Population: Characteristics & regulation of population. |
| Week 17 | April 30, 2017 | May 6, 2017 | Wildlife conservation: Basic concepts. |