**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2017-18)**

**Class: B.Sc. III Name of the Teacher:Deepika**

**Subject: Ecology Period : IIIrd**

**Paper : B Room No : 222**

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| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | July 22 & July 24 2017 | July 29, 2017 | | Definition, scope, relationship  with other sciences |
| Week 2 | July 31 2017 | Aug 5, 2017 | | Climatic factors- light and temperature |
| Week 3 | Aug 7, 2017 | Aug 12, 2017 | | Climatic factors- atmospheric humidity, precipitation and wind |
| Week 4 | Aug 14, 2017 | Aug 19, 2017 | | Biotic factors- Interactions between plants, animals |
| Week 5 | Aug 21, 2017 | Aug 26, 2017 | | Edaphic factors and topographic factors |
| Week 6 | Aug 28, 2017 | Sept 2, 2017 | | Ecosystem- concept and structure, components |
| Week 7 | Sept 4, 2017 | Sept 9, 2017 | | Ecosystem-trophic levels, food chain and web, pyramid, energy flow |
| Week 8 | Sept 11, 2017 | Sept 16, 2017 | | *Biogeochemical cycles- water, carbon and nitrogen* |
| Week 9 | Sept 18, 2017 | Sept 23, 2017 | | *Community ecology- introduction, qualitative characteristics* |
| Week 10 | Sept 25, 2017 | Sept 29, 2017 | | *Qualitative characteristics of community* |
| **Autumn Break (30 Sept 2017- 09 Oct 2017)**  **Mid Semester Exam (10 Oct 2017 – 17 Oct 2017)** | | | | |
| Week 11 | Oct 18, 2017 | | Oct 21, 2017 | Community ecology- quantitative characteristics |
| Week 12 | Oct 23, 2017 | | Oct 28, 2017 | Quadrat methods, succession introduction |
| Week 13 | Oct 30, 2017 | | Nov 4, 2017 | Succession-process, types, hydrosere |
| Week 14 | Nov 6, 2017 | | Nov 11, 2017 | Succession- xerosere, pollution and its types |
| Week 15 | Nov 13, 2017 | | Nov 18, 2017 | Air pollution, water pollution |
| Week 16 | Nov 20, 2017 | | Nov 25, 2017 | Soil pollution, conservation ecology |
| Week 17 | Nov 27, 2017 | | Dec 1, 2017 | Conservation and management of natural resources |