**P.G. GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**TEACHING PLAN (2nd, 4th & 6th Semester)**

**SESSION (2017-18)**

**Class:** M.Sc.- I (2st Week) **Name of the Teacher: Dr. Sushma Gupta**

B.Sc.- II (1st Week)

**Subject: ZOOLOGY Period:** M.Sc.- I (1st - 6th)

B.Sc.- III (4th- 6th)

**Paper:** B.Sc.- III: Paper B (Option i)(Room No: 126)

M.Sc.- I: Paper X (Room No: 130 & 131)

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| **S. No.** | **Date from** | **Date upto** | | **Topics to be Covered** |
| Week 1 | Jan. 08, 2018 | Jan. 13, 2018 | | B.Sc.III Introduction to Immunology |
| Week 2 | Jan. 15, 2018 | Jan. 20, 2018 | | M.Sc. I Introduction to defense mechanisms, cells and organs of lymphatic system |
| Week 3 | Jan. 22, 2018 | Jan. 27, 2018 | | Cells and organs of lymphatic system, CMIS and AMIS, Antigen and its properties |
| Week 4 | Jan. 29, 2018 | Feb. 03, 2018 | | Antigens and its properties, Antibodies and biological activities of different classes of antibodies. |
| Week 5 | Feb. 05, 2018 | Feb. 10, 2018 | | Antibodies-structure and functions of immunoglobulins M,G,A,E and D. Antigen antibody interactions. |
| Week 6 | Feb. 12, 2018 | Feb. 17, 2018 | | Cellular and Humoral immune response. |
| Week 7 | Feb. 19, 2018 | Feb. 24, 2018 | | Vaccines, safety rules, Laboratory techniques |
| Week 8 | Feb. 26, 2018 | Mar. 03, 2018 | | Major histocompatibility complex |
| **First & Second Week of March (Mid-Semester Exams)** | | | | |
| Week 9 | Mar. 19, 2018 | | Mar. 24, 2018 | Bacteriology |
| Week 10 | Mar. 26, 2018 | | Mar. 31, 2018 | Complement System |
| Week 11 | Apr. 02, 2018 | | Apr. 07, 2018 | Biochemistry |
| Week 12 | Apr. 09, 2018 | | Apr. 14, 2018 | Antigen antibody interactions |
| Week 13 | Apr. 16, 2018 | | Apr. 21, 2018 | Histopathology |
| Week 14 | Apr. 23, 2018 | | Apr. 28, 2018 | Flow cytometry |