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

**Teaching Plan Session Odd Semester**

**(2018-19)**

**Class: B.Sc 3rd sem (B) Name of the Teacher: Dr. Urmila Rani**

**Subject: Mathematics Period : 1st (till 31st Aug), 3rd (1st Sep onwards)**

**Paper : I and II Room No : 29**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Date From** | | **Date Upto** | **Topics to be covered** |
| Week 1 | **(For ongoing classes)** | | | Exact Differential Equation |
| July 24, 2018 | | July 28, 2018 |
| Week 2 | July 30, 2018 | August 4, 2018 | | Exact Differential Equation |
| Week 3 | August 6, 2018 | August 11, 2018 | | Differential equations of first order and higher degree |
| Week 4 | August 13, 2018 | August 18, 2018 | | Orthogonal Trajectories |
| Week 5 | August 20, 2018 | August 25, 2018 | | Linear equations with constant coefficient |
| Week 6 | August 27, 2018 | September 1, 2018 | | Linear equations with constant coefficient |
| Week 7 | September 3, 2018 | September 8, 2018 | | Jacobian |
| Week 8 | September 10, 2018 | September 15, 2018 | | *Jacobian* |
| Week 9 | September 17, 2018 | September 22, 2018 | | *Maxima and Minima* |
| Week 10 | September 24, 2018 | September 29, 2018 | | *Maxima and Minima* |
| Week 11 | October 1, 2018 | October 8, 2018 | | Envelopes and Evolutes |
| **MID SEMESTER EXAMINATION (October 11, 2018 to October 17, 2018)** | | | | |
| Week 12 | October 20, 2018 | October 27, 2018 | | Linear differential equations with variable coefficient |
| Week 13 | October 29, 2018 | November 3, 2018 | | Homogeneous linear ordinary differential equations |
| Week 14 | November 5, 2018 | November 10, 2018 | | Simultaneous Equations |
| Week 15 | November 12, 2018 | November 17, 2018 | | Simultaneous Equations |
| Week 16 | November 19, 2018 | November 22, 2018 | | Revision |
| Week 17 | November 26, 2018 | December 1, 2018 | |  |