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

**Teaching Plan (Even Semester) Session (2019-2020)**

**Class: BA/BSc 1(N.M.,C.S., I.T.) Name of the Teacher:Prof. Indu Jindal**

**Subject: Maths Period:4th and 6th**

**Paper: 1 and III Room No:G-29**

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| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 | Transformation of axes |
| Week 2 | 13-01-2020 to 18-01-2020 | Transformation of axes, The sphere |
| Week 3 | 20-01-2020 to 25-01-2020 | The sphere |
| Week 4 | 27-01-2020 to 01-02-2020 | The sphere |
| Week 5 | 03-02-2020 to 08-02-2020 | Cylinder |
| Week 6 | 10-02-2020 to 15-02-2020 | Cone |
| Week 7 | 17-02-2020 to 22-02-2020 | Cone |
| Week 8 | 24-02-2020 to 29-02-2020 | Cone |
| Week 9 | 02-03-2020 to 05-03-2020 | Conicoids |
| Mid Semester Exams (06-03-2020 to 13-03-2020) | | |
| Week 11 | 14-03-2020, 16-03-2020 to 21-03-2020 | Conicoids |
| Week 12 | 24-03-2020 to 28-03-2020 | Newton’s Method of divisors |
| Week 13 | 30-03-2020 to 04-04-2020 | Cubic and Biquadratic equations |
| Week 14 | 07-04-2020 to 11-04-2020 | Cardon’s Method |
| Week 15 | 15-04-2020 to 18-04-2020 | Descarte’s Method |
| Week 16 | 20-04-2020 to 24-04-2020 | Ferrari Method |
| Week 17 | 27-04-2020 to 02-05-2020 | Revision of solid Geometry |
| Week 18 | 04-05-2020 | Revision of theory of equations |

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

**Teaching Plan (Even Semester) Session (2019-2020)**

**Class: BA/BSc 2 (NM, CS, IT) Name of the Teacher: Prof. Indu Jindal**

**Subject: Maths Period:3rd and 7th (1-2)**

**Paper: II Room No:G-29**

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| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 | Power Series Solution of Differential Equations |
| Week 2 | 13-01-2020 to 18-01-2020 | Power Series Solution of Differential Equations |
| Week 3 | 20-01-2020 to 25-01-2020 | Power Series Solution of Differential Equations |
| Week 4 | 27-01-2020 to 01-02-2020 | Bessel’s Equations and Bessel’s Functions |
| Week 5 | 03-02-2020 to 08-02-2020 | Bessel’s Equations and Bessel’s Functions |
| Week 6 | 10-02-2020 to 15-02-2020 | Legendre’s Equation and Legendre’s Functions |
| Week 7 | 17-02-2020 to 22-02-2020 | Partial Differential Equations of First Order |
| Week 8 | 24-02-2020 to 29-02-2020 | Partial Differential Equations of First Order |
| Week 9 | 02-03-2020 to 05-03-2020 | Partial Differential Equations of First Order |
| Mid Semester Exams (06-03-2020 to 13-03-2020) | | |
| Week 11 | 14-03-2020, 16-03-2020 to 21-03-2020 | The Laplace Transforms |
| Week 12 | 24-03-2020 to 28-03-2020 | The Laplace Transforms |
| Week 13 | 30-03-2020 to 04-04-2020 | The Laplace Transforms |
| Week 14 | 07-04-2020 to 11-04-2020 | Inverse Laplace Transforms |
| Week 15 | 15-04-2020 to 18-04-2020 | Inverse Laplace Transforms |
| Week 16 | 20-04-2020 to 24-04-2020 | Applications of Laplace Tramsforms |
| Week 17 | 27-04-2020 to 02-05-2020 | Applications of Laplace Tramsforms |
| Week 18 | 04-05-2020 | Revision |