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

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

**Class: B.Sc/B.A III (A,B)**  **Name of the Teacher: Dr Urmila Rani**

**Subject: Mathematics Period: 1st and 5th**

**Paper: Paper I and II Room No: 128**

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| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 | Vector Spaces |
| Week 2 | 13-01-2020 to 18-01-2020 | Vector Spaces |
| Week 3 | 20-01-2020 to 25-01-2020 | Vector Spaces |
| Week 4 | 27-01-2020 to 01-02-2020 | Vector Spaces |
| Week 5 | 03-02-2020 to 08-02-2020 | Linear Transformation |
| Week 6 | 10-02-2020 to 15-02-2020 | Linear Transformation |
| Week 7 | 17-02-2020 to 22-02-2020 | Linear Transformation |
| Week 8 | 24-02-2020 to 29-02-2020 | Linear Transformation and matrices |
| Week 9 | 02-03-2020 to 05-03-2020 | Linear Transformation and matrices |
| Mid Semester Exams (06-03-2020 to 13-03-2020) | | |
| Week 11 | 14-03-2020, 16-03-2020 to 21-03-2020 | Characteristic roots and characteristic vectors |
| Week 12 | 24-03-2020 to 28-03-2020 | Characteristic roots and characteristic vectors |
| Week 13 | 30-03-2020 to 04-04-2020 | Sequences and series of function |
| Week 14 | 07-04-2020 to 11-04-2020 | Sequences and series of function |
| Week 15 | 15-04-2020 to 18-04-2020 | Power Series |
| Week 16 | 20-04-2020 to 24-04-2020 | Power Series |
| Week 17 | 27-04-2020 to 02-05-2020 | Fourier Series |
| Week 18 | 04-05-2020 | Revision |

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

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

**Class: B.Sc/B.A I**   **Name of the Teacher: Dr Urmila Rani**

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

**Paper: II and III Room No: 128**

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| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 | Concavity Convexity and point of Inflection |
| Week 2 | 13-01-2020 to 18-01-2020 | Asymptotes |
| Week 3 | 20-01-2020 to 25-01-2020 | Multiple Points |
| Week 4 | 27-01-2020 to 01-02-2020 | Integration of hyperbolic functions |
| Week 5 | 03-02-2020 to 08-02-2020 | Reduction Formulae |
| Week 6 | 10-02-2020 to 15-02-2020 | Reduction Formulae |
| Week 7 | 17-02-2020 to 22-02-2020 | Numerical Integration |
| Week 8 | 24-02-2020 to 29-02-2020 | Polynomials |
| Week 9 | 02-03-2020 to 05-03-2020 | Relation between roots and coefficient of polynomial equation |
| Mid Semester Exams (06-03-2020 to 13-03-2020) | | |
| Week 11 | 14-03-2020, 16-03-2020 to 21-03-2020 | Transformation of equations |
| Week 12 | 24-03-2020 to 28-03-2020 | Transformation of equations |
| Week 13 | 30-03-2020 to 04-04-2020 | Application of Definite Integration |
| Week 14 | 07-04-2020 to 11-04-2020 | Application of Definite Integration |
| Week 15 | 15-04-2020 to 18-04-2020 | Curve Tracing |
| Week 16 | 20-04-2020 to 24-04-2020 | Curve Tracing |
| Week 17 | 27-04-2020 to 02-05-2020 | Curvature |
| Week 18 | 04-05-2020 | Revision |