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

**Teaching Plan Session Even Semester**

**(2018-19)**

**Class: B.Sc. III(Sec-A) 6th sem.**

**M.Sc. I ( 2nd sem.)**

**Name of the Teacher: Dr. Harleen Kaur**

**Subject:**

**B.Sc III i. Plant physiology (Paper A) Period – 1 (Thurs., Fri, Sat) Room no. 218**

**ii. Economic Botany (Paper B) Period - 1 (Mon.)**

**M.Sc. I i. Plant pathology (Paper X) Period – 1 (Wed.), 2(Fri) Room no. 211**

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| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 3 | Jan 28, 2019 | 2 Feb, 2019 | | Paper A – Photosynthesis dark reactions  Paper B - Area of cultivation, soil requirements, cultivation practices of wheat.  Paper X – red rot of sugarcane |
| Week 4 | Feb 4, 2019 | Feb 9, 2019 | | Paper A – factors affecting photosynthesis and non - cyclic photophosphorylation  Paper B – Wheat continued  Paper X – Plant disease control |
| Week 5 | Feb 11, 2019 | Feb 16, 2019 | | Paper A – Transport of Organic substances, mechanism of phloem transport.  Paper B – Rice  Paper X – Disease control contd. |
| Week 6 | Feb 18, 2019 | Feb 23, 2019 | | Paper A – source sink relationship, factors affecting translocation  Paper B – Maize  Paper X – Disease forecasting and assessment |
| Week 7 | Feb 25, 2019 | March 2, 2019 | | Paper A – ATP, Krebs cycle, redox potential, pentose phosphate pathway  Paper B – Cotton, Potato  Paper X – Nutrition in Fungi |
| Week 8 | March 11, 2019 | Mar 16 , 2019 | | Paper A – Phases of growth and development, Kinetics of growth  Paper B – completion of unit 1  Paper X – Disease in Paddy |
| Week 9 | March 18, 2019 | | March 22, 2019 | Paper A – Factors affecting growth, plant movements, photoperiodism  Paper X – Disease in wheat, smut of sugarcane |
| Week 10 | March 25 , 2019 | | March 30, 2019 | Paper A- Physiology of flowering, florigen concept  Paper X- disease in grapes |
| Week 11 | April 1, 2019 | | April 6, 2019 | Paper A – Auxins, Gibberelllins  Paper X - Diseases in peach, groundnut |
| Week 12 | April 8, 2019 | | April 12, 2019 | Paper A- Cytokinins, ABA, ethylene  Paper X – Disease in Apple, Linseed |
| Week 13 | April 15, 2019 | | April 20 , 2019 | Paper A- Definition, basic aspects of plant tissue culture  Paper X- Disease in groundnut and mustard |
| Week 14 | April 22, 2019 | | April 27, 2019 | Paper A- Applications tissue culture, somatic hybridization  Paper X- Disease in rye, damping off the seedlings |
| Week 15 | April 29, 2019 | | May 3, 2019 | Paper A – Revision  Paper X - Revision |