Assignment Topics:

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| Sl. No. | Topic’s Name |
| 1 | Plant Genetic Resources and its application in crop improvement |
| 2 | International Research Stations for different crops |
| 3 | National Research Stations for different crops |
| 4 | Ideotype breeding for Rice |
| 5 | Ideotype breeding for Pigeonpea |
| 6 | Ideotype breeding for Cotton |
| 7 | Major breeding objectives (including quality parameters) of mungbean, soybean |
| 8 | Major breeding objectives (including quality parameters) of groundnut, sesame |
| 9 | Major breeding objectives (including quality parameters) of castor, cotton |
| 10 | Major breeding objectives (including quality parameters) of mungbean, soybean |
| 11 | Major breeding objectives (including quality parameters) of tobacco, okra |
| 12 | Major breeding objectives (including quality parameters) of bottle gourd, bitter gourd, |
| 13 | Major breeding objectives (including quality parameters) of ridge gourd, smooth gourd and cucumber |
| 14 | Major breeding objectives (including quality parameters) of rice, maize |
| 15 | Major breeding objectives (including quality parameters) of sorghum, pearl millet, pigeonpea, |
| 16 | Breeding methods for self-pollinated crops |
| 17 | Breeding methods for cross-pollinated crops |
| 18 | Floral biology of self-pollinated crops - rice, maize, sorghum, pearl millet |
| 19 | Floral biology of cross-pollinated crops -pigeonpea, mungbean, soybean, groundnut |
| 20 | Botanical description of different crops -sesame, castor, cotton, tobacco |
| 21 | Botanical description of different crops -okra, bottle gourd, bitter gourd |
| 22 | Botanical description of different crops -ridge gourd, smooth gourd and cucumber |
| 23 | Emasculation and hybridization techniques rice, maize |
| 24 | Emasculation and hybridization techniques sorghum, pearl millet |
| 25 | Emasculation and hybridization techniques in pigeonpea and mungbean |
| 26 | Emasculation and hybridization techniques in soybean, groundnut |
| 27 | Emasculation and hybridization techniques in seasame, castor, cotton |
| 28 | Emasculation and hybridization techniques in tobacco and okra |
| 39 | Emasculation and hybridization techniques in bottle gourd, bitter gourd |
| 30 | Emasculation and hybridization techniques in ridge gourd, smooth gourd and cucumber |
| 31 | Maintenance breeding of different kharif crops |
| 32 | Detailed procedure of hybrid seed production of maize, pearl millet etc |
| 33 | Detailed procedure of hybrid seed production of cotton and castor etc |
| 34 | Germplasm and its application in crop improvements |
| 35 | Importance of crop improvement in agriculture |
| 36 | Importance of crop improvement in global economic status of agriculture |
| 37 | Determination of mode of pollination in crop plant |
| 38 | Characteristics of self-pollinated crops |
| 39 | Characteristics of cross-pollinated crops |
| 40 | Ex situ conservation of germplasm |
| 41 | Creation of sources of variation in crop plant |
| 42 | Gene pool and types of gene pool |
| 43 | Application of crop improvement |
| 44 | Identification of different self-pollinated crop seeds with description |
| 45 | Identification of different cross-pollinated crop seeds with description |
| 46 | Breeding for biotic stress |
| 47 | Breeding for abiotic stress |
| 48 | Introduction and Importance of AICRP |
| 49 | Adaptability & stability, types of adaptation- adaptability |
| 50 | Stability: models for stability analysis |