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| Sr. no. | Week |  | topic |
| 1 | 1st  | 24-07-2023 to 29-07-2023 | General characters and diversity of Gymnosperms (seed plants without fruits). |
| 2 | 2nd  | 31-07-2024 to 05-08-2023 | Pilger and Melchior's (1954) system of classification. Geological Time Table; Evolution of Seed Habit |
| 3 | 3rd  | 07-08-2023 to12-08-2023 | Palaeobotany-Fossils and Fossilization (Processes involved, types of Fossils and Importance of Fossils; |
| 4 | 4th  | 14-08-2023 to 19-08-2023 | ; Reconstruction of the following fossil plants: Lyginopteris Williamsonia Cycadeoidea (=Bennettites). |
| 5 | 5th | 21-08-2023 to 26-08-2023 | Morphology and anatomy of root, stem leaf/leaflet and reproductive parts including mode of reproduction, life-cycle and economic importance of the following: Cycas  |
| 6 | 6th  | 28-08-2023 to 02-9-2023  | Morphology and anatomy of root, stem leaf/leaflet and reproductive parts including mode of reproduction, life-cycle and economic importance of the following: Cycas Morphology and anatomy of root, stem leaf/leaflet and reproductive parts including mode of reproduction, life-cycle and economic importance of the following: Pinus  |
| 7 | 7th  | 04-09-2023 to 09-09-2023 | Morphology and anatomy of root, stem leaf/leaflet and reproductive parts including mode of reproduction, life-cycle and economic importance of the following: Ephedra |
| 8 | 8th  | 11-09-2023to 16-09-2023 | General characters of Angiosperms including primitive angiosperms (Amentiferae, Ranales, Magnoliales) |
| 9 | 9th | 18-09-2023 to 23-09-2023 | Diversity in plant forms-annuals, biennials and perennials. Tissues-meristematic and permanent (simple and complex). |
| 10 | 10th  | 25-09-2023 to 30-09-2023  | The Shoot system-shoot apical meristem and its histological organizations (monocot and dicot stem); Cambium-structure and functions. |
| 11 | 11th  | 02-10-2023 to 07-10-2023 | Secondary growth in dicot stem; characteristics of growth rings; sap wood and heart wood, periderm; |
| 12 | 12th  | 09-10-2023 to 14-10-2023 | Anomalous secondary growth (Dracaena, Boerhaavia and Achyranthes) |
| 13 | 13th  | 16-10-2023 to 21-10-2023 | Leaf-Types of leaves (simple and compound); phyllotaxy. |
| 14 | 14th  | 23-10-2023 to 28-10-2023 | Epidermis-uniseriate and multiseriate, epidermal appendages and their morphological types. |
| 15 | 15th  | 30-10-2023 to 04-11-2023 | Anatomy of typical Monocot and Dicot leaf and cell inclusions in leaves; leaf abscission. Stomatal apparatus and their morphological types. |
| 16 | 16th  | 06-11-2023 to 09-11-2023 | Root system- the root apical meristem; the histological organization (monocot and dicot root). Secondary growth in dicot root |
| 17 | 17th | 10-11-2023 to 16-11-2023 | University vacations |
| 18 | 18th | 17-11-2023 to 25-11-2023 | Structural modifications in roots- storage (Beta), Respiratory (Rhizophora), Epihytic (Vanda |
| 18 | 18th | 27-11-2023 to09-12-2023 | Queries of difficult topics, Assignments and test |
| 19 | 19th  | 11-12-2023 to 16-12-2023 | revision |

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