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

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

**Class: B.A. 2nd Sem.**   **Name of the Teacher: Mehar Chand**

**Subject: Geography Period: 2nd**

**Paper: III Physical Geog. II Room No:208**

|  |  |  |
| --- | --- | --- |
| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 | Introducing to students regarding syllabus.Climatology: Definition, Nature and Scope, Concepts of weather and climate. |
| Week 2 | 13-01-2020 to 18-01-2020 | Climate: Elements and Controls etc. Physical and Chemical Composition of the Atmosphere: Dust particles, vapour particles, active gases and inert gases. |
| Week 3 | 20-01-2020 to 25-01-2020 | Physical structure of the Atmosphere: Troposphere, Tropopause, Stratosphere, Ozonosphere, Mesosphere, Thermosphere, and Exosphere (attributes of these layers). |
| Week 4 | 27-01-2020 to 01-02-2020 | Insolation and Temperature: Distribution of insolation (horizontal); Distribution of Temperature (vertical, horizontal, annual, seasonal and diurnal. |
| Week 5 | 03-02-2020 to 08-02-2020 | Atmospheric Pressure and Wind Distribution: Atmospheric disturbances: Tropical Cyclones, Temperate Cyclones and Anticyclones. |
| Week 6 | 10-02-2020 to 15-02-2020 | Atmospheric Moisture: Condensation forms: cloud, dew, fog frost and snow. Precipitation: forms and types, world patterns (spatial and seasonal). |
| Week 7 | 17-02-2020 to 22-02-2020 | Introduction of Koppen’s classification of world’s climate. Role of climate in Human life: Atmospheric Pollution. |
| Week 8 | 24-02-2020 to 29-02-2020 | Global Warming: causes, consequences and measures of control. |
| Week 9 | 02-03-2020 to 05-03-2020 | Oceanography: Definition, nature, Scope and Significance. Topography of Atlantic, Pacific and Indian Ocean |
| Mid Semester Exams (06-03-2020 to 13-03-2020) | | |
| Week 11 | 14-03-2020, 16-03-2020 to 21-03-2020 | Topography of the Ocean Basins: Continental shelf, Continental slope, Abyssal Plain, Ridges, Deeps and Trenches |
| Week 12 | 24-03-2020 to 28-03-2020 | Temperature and Salinity of Ocean Waters: World patterns and controlling factors. |
| Week 13 | 30-03-2020 to 04-04-2020 | Movements of Oceanic Waters: What is Tide? Origin and Types of Tides. Concept of Ocean Currents. |
| Week 14 | 07-04-2020 to 11-04-2020 | Currents Types, Origin, factors affecting to currents. Currents of Indian Ocean. |
| Week 15 | 15-04-2020 to 18-04-2020 | Surface Currents of the Pacific and Atlantic Ocean. |
| Week 16 | 20-04-2020 to 24-04-2020 | Role of Ocean Currents in Heat distribution over the globe. |
| Week 17 | 27-04-2020 to 02-05-2020 | Marine Deposits and Corals: Introduction and Concepts. |
| Week 18 | 04-05-2020 | Marine Deposits and Corals: Origin And Types. Evaluation |