

Name of College :- P. I. G. A. C. W Jind

Name of teacher :- Satish Kumar

Month :- January to May

Class :- B.A-Ist, Geo. Hons, Eng. Hons, B.Sc Ist Phy. Sci., Urf. Sci. Physics Hons. - Ist

| Month | Topic |
|--------------------|---|
| January - February | <p>Unit-I :- Definition, scope & Importance of the Environment Subject.</p> <p>The multidisciplinary Nature of Environment studies subject : Concept of Sustainability and Sustainable development.</p> <p>Definition structure and function of Ecosystem. Energy flow in ecosystem.</p> |
| February - March | <p>Food chains and food webs Major ecosystem: forest Ecosystem, Grassland, Desert Ecosystem and aquatic like lakes, rivers & Oceans.</p> <p>Unit-II :- Natural Resources :- Renewable and Non-renewable, land Resources, land degradation and soil erosion. Forest Resources :- Importance of forest, deforestation : Causes and impact on environment. water Resources : use of and over exploitation of surface and ground water, Renewable and Non-renewable resource.</p> |
| March - April | <p>Bio-diversity and its conservation : Definition and its type.</p> <p>Endangered and endemic species of India, Threats to biodiversity, Habitat loss, poaching of wildlife, wildlife conflicts biological invasion.</p> <p>Conservation of Biodiversity :- In situ and Ex situ Conservation of diversity. Ecosystem & biodiversity sources, Ecological, economic, social, ethical aesthetic and informational values.</p> |

April-May

Unit - III :- Environmental Pollution → Types, Causes, affects and Control of Air, water, soil and noise pollution. Solid waste management. Sources, methods of disposal. Landfill. Climate change. Global warming, Ozone layer, depletion, acid rain & impacts of human communities and aquatic agriculture. Environmental Policies & practises: Environment laws Protection Act 1986, Air and Control of Pollution Act 1981, water Act 1974.

May

Unit IV :- Human Communities & environment. Human population growth impacts on nature. Resettlement and Rehabilitation.