Lesson plan

BA Ist Year (Second semester)

 Physical Geography

Session 2022 -2023

|  |  |  |
| --- | --- | --- |
| S.No |  Days |  Topics  |
| 1. | 1-4 Feb 2023 | Definition, Nature, scope and fields of Physical Geography |
| 2.  | 6-11 Feb 2023  |  Interior of the earth |
| 3.  | 13-18 Feb 2023 | Geological time scale  |
|  |  |  |
| 4. | 20-25 Feb 2023 | Rocks |
| 5. | 27-28 Feb 2023 | Earth movements; organic, eperogenic |
| 6. | 1-4 March 2023 |  Earth quakes and volcanoes |
| 7. | 5-12 March 2023 | Vacations (Holi) |
| 8. | 13-18 March2023 |  Theory of Isostasy |
|  |  |  |
| 9. | 20-25March 2023 | Wegner’s theory of continental drift |
| 10. | 27-31March 2023 | Plate tectonic theory |
| 11. | 3April -8 April | Weathering; causes and its types |
| 12. | 10April- 15 April  | Mass-movements; causes, its types and impacts |
| 13. | 17April -22 April | Concept of cycle of erosion; cycle of erosion by W.M.Davis, Penck and King |
| 14. | 24April -29 April | Process of Wind |
| 15. | 1 May -6 May | Process of River and Underground water |
| 16. | 8May -13May | Process of Glaciers and Sea waves |
| 17. | 15May to 20May  | Revision |
|  |  |  |

 Dr Gulshan Kumar

Department of Geography

Lesson plan

M.Sc.Geography IInd Year

Fourth semester

Tropical climatology

Session 2022 -2023

|  |  |  |
| --- | --- | --- |
| S.No |  Days |  Topics  |
| 1. | 1-4 Feb 2023 | Nature and scope of Tropical Climatology |
| 2.  | 6-11 Feb 2023  | Energy balance and temperature distribution in tropical areas |
| 3.  | 13-18 Feb 2023 | Atmospheric Pressure and circulation in tropical areas- |
|  |  |  |
| 4. | 20-25 Feb 2023 |  Hadley Cell, Walker Circulation, ENSO |
| 5. | 27-28 Feb 2023 | Monsoons-Theories of origin and characteristics |
| 6. | 1-4 March 2023 | Monsoons-Theories of origin and characteristics |
| 7. | 5-12 March 2023 | Vacations (Holi) |
| 8. | 13-18 March2023 | Tropical Cyclones-Origin and characteristics |
|  |  |  |
| 9. | 20-25March 2023 | Tropical Cyclones-Origin and characteristics |
| 10. | 27-31March 2023 | Tropical Rainfall-Dynamics and distribution |
| 11. | 3April -8 April | Tropical Rainfall-Dynamics and distribution |
| 12. | 10April- 15 April  | Tropical Climates-Classification and characteristics |
| 13. | 17April -22 April | Tropical Climates and agriculture: Human Adaptation to Tropical Climates. |
| 14. | 24April -29 April | Tropical Climates and agriculture: Human Adaptation to Tropical Climates. |
| 15. | 1 May -6 May | Impact of Global Warming on Tropical Climates and Biomass |
| 16. | 8May -13May | Impact of Global Warming on Tropical Climates and Biomass |
| 17. | 15May to 20May  | Revision |
|  |  |  |

 Dr Gulshan Kumar

Department of Geography