Department of Geography

Lesson plan- 2022-23 (Odd Semester)

**Paper 101 Geography of India- Theory**

Class- B.A.I, Semester-1

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| Month/Year | Topics to be covered | Co-curricular Activities |
| Sept, 2022 | India: Location, & relief structure  India- drainage systems | *Assignments*  *tests*  *Topical presentations*  *Geographical demonstrations*  *etc* |
| October, 2022 | India- Climate- its regional and seasonal variations  India-soils types and distribution  India- natural vegetation  Natural disasters in India.  Population: distribution, density, growth and composition.  Migration, human settlement types and levels of urbanization. |
| November, 2022 | Green revolution and problems of Indian agriculture.  Energy resources: coal, petroleum, hydroelectricity and nuclear energy,  iron  Mineral resources-iron ore, manganese and mica. |
| December,2022 | Industries- iron and steel, cotton textile, sugar and petrochemical industries  Industrial regions of India.  Modes of transport and communication,  International trade changing pattern of export and import. |

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Department of Geography

Lesson plan- 2022-23 (Odd Semester)

Paper 102 Maps and Scales (Practical)

Class- B.A.I, Semester-1

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| Month/Year | Topic to be covered | Co-curricular Activities |
| Sept, 2022 | Introduction to Cartography.  Maps and their types- Quantitative and Qualitative | *Geographical demonstrations*  *etc* |
| October, 2022 | Map Scales.  Methods of Expressing a scale  Conversion of Statement of Scale into R.F. and vice-versa.  Plain Scale (Km and mile)  Comparative Scale 1 |
| November, 2022 | Diagonal Scale  Measurement of Distances and Areas on Maps  Enlargement and Reduction of Maps |
| December,2022 | Revision |

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Lesson plan- 2022-23 (Odd Semester)

Paper 201 Physical Geography-II (Theory)

Class- B.A.II, Semester-3

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| Month/Year | Topic to be covered | Co-curricular Activities |
| Sept, 2022 | Weather and Climate;  Origin, composition and structure of atmosphere. | *Assignments*  *tests*  *Topical presentations*  *Geographical demonstrations*  *etc* |
| October, 2022 | Insolation,  Global heat budget,  Horizontal and vertical distribution of temperature,  Inversion of temperature.  Atmospheric pressure- measurement and distribution,  pressure belts,  planetary winds,  Monsoon, Jet Streams EL NINO- La Nina Phenomenon and Local winds.  Humidity- measurement and variables, evaporation, condensation,  Precipitation forms and types and distribution, hydrological cycle. |
| November, 2022 | Air masses- concept and classification;  Fronts- type and characteristics,  Weather Disturbances- tropical and extra-tropical cyclones.  Climate classification by Koppen;  Climatic change and global warming.  Configuration of oceanic floors and surface relief of Pacific, Atlantic and Indian Oceans;  Temperature and salinity of oceans. |
| December,2022 | Tides, waves and oceanic currents; circulation in Pacific, Atlantic and Indian Oceans;  Oceanic resources.  Revision |

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Lesson plan- 2022-23 (Odd Semester)

Paper – 202 Representations of Climatic Data (Practical)

Class- B.A.II, Semester-3

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| Month/Year | Topic to be covered | Co-curricular Activities |
| Sept, 2022 | Measurement of temperature, rainfall, pressure and humidity. | *Geographical demonstrations*  *etc* |
| October, 2022 | Representation of temperature and rainfall.  Line and Bar Graph  Distribution of temperature  Distribution of rainfall  Hythergraph  Rainfall deviation diagram |
| November, 2022 | Climograph (wet and dry places)  Distribution of pressure  Weather map Interpretation (January & July) |
| December,2022 | Change and tape survey  Revision |

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Lesson plan- 2022-23 (Odd Semester)

Paper 301 Economic Geography (Theory)

Class- B.A.III, Semester-5

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| Month/Year | Topics to be covered | Co-curricular Activities |
| Sept, 2022 | Nature, scope and relationship of economic geography with economics and other branches of social sciences.  Classification of economic activities and their impact on environment. | *Assignments*  *tests*  *Topical presentations*  *Geographical demonstrations*  *etc* |
| October, 2022 | World natural resources: Types, bases and classification.  Conservation and utilization of natural resources.  Spatial distribution of food (rice and wheat), commercial (cotton and sugarcane) and plantation crops (tea, rubber and coffee). |
| November, 2022 | Classification of mineral resources (ferrous and non ferrous),  Distribution and production of coal, iron ore, petroleum and natural gas.  Classification of industries,  world distribution and production of iron and steel and textile industry,  Major industrial complexes of the world. |
| December,2022 | Transport, communication and trade: geographical factors in  their development, major  modes of water, land and air transport, recent trends in international trade  Revision |

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Lesson plan- 2022-23 (Odd Semester)

Paper 302 Distribution Maps and Diagrams (Practical)

Class- B.A.III, Semester-5

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| Month/Year | Topics to be covered | Co-curricular Activities |
| Sept, 2022 | Principal of map design and layout  Symbolization: point, line and area symbol  Lettering and toponomy  Mechanics of map construction | *Geographical demonstrations*  *etc* |
| October, 2022 | Distribution maps  (Qualitative distribution maps  Choroschematic maps  Chorochromatic maps  Quantitative distribution Maps  Isopleth maps  Choropleth maps |
| November, 2022 | Dot maps  Diagrammatic maps Climograph (wet and dry places)  Distribution of pressure  Weather map Interpretation (January & July) |
| December,2022 | Prismatic Compass Survey  Revision |

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