

Lesson Plan for Semester-II, 2020

M.Sc. (F), Geography, Pawan Kumar, Assistant Professor of Geography

Months	Topics to be Covered- Paper- Geog-401 Geographic Thought	Other Activities
January, 2020	Classification of knowledge, Nature of Geography and its place among sciences Nature of Geographic knowledge during ancient (Greek and Roman) and medieval (Arab) periods Foundation of Modern Geography-contributions of Varenius, Kant, Humboldt and Ritter.	Assignments, Class Tests, Class Discussions, Topical Presentations, Debates, Quiz Contests, etc
February, 2020	Emergence of Geography as a study of (i) physical features (ii) chorology (iii) landscapes. Concepts and dualism in Geography: Environmental Determinism and Possibilism, Areal Differentiation; Physical vs Human Geography, Systematic vs Regional Geography	
March, 2020	Quantitative Revolution-Emergence of theoretical geography Positivist Explanations in Geography- Laws, theories, models, Positivist Explanations in Geography- inductive & deductive logic.	
April, 2020	Behavioral and Humanistic Perspectives in Geography Social Relevance in Geography- Welfare, Radical and Feminist Perspectives Postmodernism and Geography. Revision	

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Months	Topics to be Covered- Paper- Geog-404 (v) Urbanization in India	Other Activities
January, 2020	History of urbanization in India: Ancient, Medieval, Colonial and post independence phases of urbanization. Processes of urbanization: Socio-cultural, political, economic and geographical processes.	Assignments, Class Tests, Class Discussions, Topical Presentations, Debates, Quiz Contests, etc
February, 2020	Patterns of urbanization: settlement structure, level of urbanization, criteria of measurement Spatial patterns of urbanization in India. Recent trends of urbanization in India.	
March, 2020	Urban regions of India: case studies of metropolitan regions of Delhi, Mumbai, Kolkata and Chennai. Contemporary Urban issues: Urban poverty, slums and urban renewal, urban infrastructure and solid waste management.	
April, 2020	Role of urbanization in economic and social change. SEZ: Concept, policies and consequences. National urbanization policy. Revision	

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M.Sc. (P), Geography, Pawan Kumar, Assistant Professor of Geography

Months	Topics to be Covered- Paper- Geog-405 (Practical) Interpretation of Toposheets and Morphometric Analysis	Other Activities
January, 2020	1. Profile Analysis: Transverse and Longitudinal a) Serial Profiles b) Superimposed Profiles c) Composite Profiles d) Projected Profiles e) Longitudinal or valley Thalweg Profile.	Assignments, Class Tests, Class Discussions, Topical Presentations, Debates, Quiz Contests, etc
February, 2020	Linear Aspects of streams : a) Relationship between stream order and stream Number b) Relationship between stream order and Average stream length. 3. Areal Aspects of streams: a) Drainage Frequency b) Drainage Texture/Density	
March, 2020	Relief Aspect of Streams a) Area Height Curve b) Altimetric frequency curve c) Hypsographic Curve d) Hypsometric Integral Curve e) Clinographic or clinometric curve	
April, 2020	Slope Analysis a) Wentworth's Method of Average Slope b) G. H. Smith's Method of Relative Relief. Revision	

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B.A I, Geography, Pawan Kumar, Assistant Professor of Geography

Months	Topics to be Covered- Paper- GE-103 Paper 103 Physical Geography – I	Other Activities
January, 2020	Definition, Nature, scope and fields of Physical Geography. Interior of the earth, Geological time scale and rocks.	Assignments, Class Tests, Class Discussions, Topical Presentations, Debates, Quiz Contests, etc
February, 2020	Earth movements; organic, eperogenic, earth quakes and volcanoes. Theory of Isostasy; Wegner's theory of continental drift and Plate tectonic theory.	
March, 2020	Weathering; causes and its types. Mass-movements; causes, its types and impacts. Concept of cycle of erosion; cycle of erosion by W.M.Davis, Penck and King,	
April, 2020	Process of Wind, River, Underground water, Glaciers and Sea waves. Revision	