RAMAKRISHNA SARADA MISSION VIVEKANANDA VIDYABHAVAN

LESSON PLAN FOR GEOGRAPHY HONS - SEM-2\_2024

NEP SYLLABUS

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| GEOADS02T : HUMAN GEOGRAPHY  UNIT WISE DIVISION | NO OF CLASSES |
| GEOADS02T : 3 Credits [45 hours of teaching]  Unit : I Scope and Approaches  1. Elements of Human Geography : Nature, scope and recent trends. ……………………....2 (KD)  2. Approaches to Human Geography; Resource, Locational, Landscape, and Environmental. ………………………………………………………………………………………………………………………….…..6 (KD)  Unit : II Social and Population Geography  3. Evolution of human societies : Hunting and food gathering, pastoral nomadism, subsistence farming, industrial society & post-industrial urban society. ………………….6 (SM)  4. Human adaptation to the environment : Eskimo, Masai and Maori. ……………………...6 (AP)  5. Population distribution, density and growth of world population. …………………….…5 (ND)  6. Demographic Transition Theory. …………………………………………………………………..……..2 (AP)  Unit : III Economic and Settlement Geography  7. Sectors of the economy: primary, secondary, tertiary, quaternary, and quinary. ……4 (AP)  8. Types of agriculture:  Intensive subsistence rice farming, and Plantation agriculture (Tea)......……………………4 (SM)  9. Site, situation, types and patterns of Rural Settlements. …………………………………..….5 (ND)  10. Classification of Urban Settlements after Census of India. ………………………………....1 (AP)  11. Class test & Internal exam. …………………………………………………………………………………….4  GEOADS02P : 2 Credits [60 hours of teaching]  1. Growth rate of population : Arithmetic growth comparing two decadal datasets…10(AP)  2. Density of population of Indian states or WB districts by choropleth method. ..…..10 (AP)  3. Identification of different types of settlements according to sites from Survey of India 1:50,000 topographical maps. ………………………………………………………………………….…...10 (ND)  4. Correlating physical and cultural attributes using transect charts. ……………………..10 (ND)  5. Proportional pie-diagrams representing economic data and land use data. …………10 (AP)  5. Proportional square diagrams representing economic data and land use data. ……10 (AP) | TOTAL = 45  TOTAL = 60 |

LESSON PLAN FOR GEOA\_SEM-4\_2024

(CBCS SYLLABUS)

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| CC 8: REGIONAL PLANNING – (90 CLASSES—90 HOURS) | NO OF CLASSES |
| Unit I: Regional Planning  ND - 1. Concept of regions: Types of regions and their delineation. ………………..5  ND - 2. Regional Planning: Types, principles, objectives, tools & techniques. ….7  ND - 3. Need for regional planning in India, multi- level planning in India. ………5  AP - 4. Metropolitan concept and urban agglomerations. ……………………………..4  Unit II: Regional Development  SM - 5. Concepts of growth and development, growth versus development. …. 4  SM - 6. Indicators of development: Economic, social and environmental. ………6  SM - 7. Human development: Concept and measurement. ……………………………. 6  AP - 8. Theories and models for regional development: Cumulative causation (Myrdal). ……………………………………………………………………………………………………...5  AP - 9. Theories and models for regional development: Stages of development (Rostow), growth pole model (Perroux). ………………………………………………………..7  KD - 10. Concept and causes of underdevelopment. ………………………………………5  KD - 11. Regional development in India: Disparity and diversity. …………………...5  KD - 12. Need and measures for balanced development in India. …………………...5   * Tutorial class. ………………………………………………………………….………………15 * Remedial class. …………………………………………………………………………………5 * Class test & Internal exam. ………………………………………………………………..6   CC 9: ECONOMIC GEOGRAPHY – (90 CLASSES—90 HOURS)  Unit I : Concepts  KD - 1. Meaning and approaches to Economic Geography. …………………………..…2  KD - 2. Concepts in Economic Geography: Goods and services, production, exchange and consumption. ………………………………………………………………………….6  ND - 3. Concept of economic man, theories of choices. ……………………………….….2  SM - 4. Economic distance and transport costs. ……………………………………………..2  Unit II : Economic Activities  AP - 5. Concept and classification of economic activities - primary, secondary, tertiary, quaternary & quinary. ………………………………………………………………….….4  AP - 6. Agricultural systems: Case studies of tea plantations in India and mixed farming in Europe. ………………………………………………………………………………………..5  AP - 7. Factors affecting the location of economic activity with special reference to agriculture (Von Thünen), and industry (Weber). ……………………….6  SM - 8. Primary activities: Agriculture, forestry, fishing and mining. ………………6  SM - 9. Secondary activities: Manufacturing (cotton textile, iron and steel), concept of manufacturing regions, special economic zones & technology parks. ………………………………………………………………………………………………………………..….10  KD - 10. Tertiary activities: Transport, trade and services. ……………………….…….9  ND - 11. Trans-national sea-routes, railways and highways w.r.t India. ……….….6  ND - 12. International trade and economic blocs: WTO, GATT and BRICS: Evolution, Structure and Functions. ……………………………………………………….……..7   * Tutorial class. ………………………………………………………………………………….15 * Remedial class. ……………………………………………………………………………..……5 * Class test & Internal exam. …………………………………………………………….…..6   CC 10: ENVIRONMENTAL GEOGRAPHY  THEORY  Unit I : Concepts  ND - 1. Geographers’ approach to environmental studies. ……………………………...3  ND - 2. Concept of holistic environment and systems approach. ……………………. 4  ND - 3. Ecosystem: Concept, structure and functions. …………………………………….8  KD - 4. Space–time hierarchy of Environmental problems: Local, regional and global. ……………………………………………………………………………………………………….….6  Unit II : Environmental problems and policies  SM - 5. Environmental pollution and degradation : Land, water and air. ………….8  AP - 6. Urban environmental issues with special reference to waste management. …………………………………………………………………………………………….….7  AP - 7. Environmental policies – National Environmental Policy, 2006. ……….…. 5  SM - 8. Earth Summits - Stockholm, Rio, Johannesburg. …………………………….……6  KD - 9. Global initiatives for environmental management (special reference to Montreal Protocol, Kyoto Protocol, Paris Climate Summit). ……………………….…. 6   * Remedial class. …………………………………………………………………………….….…4 * Class test & Internal exam. …………………………………………………………….…..5   PRACTICAL - AP  1. Preparation of questionnaire for perception survey on environmental problems. ………………………………………………………………………………………………….….8  2. Preparation of check – list for Environmental Impact Assessment of an Urban / Industrial Projects. ………………………………………………………………………………….… 8  3. Interpretation of air quality using CPCB /WBPCB data. …………………………….12   * Students’ presentation on Air Quality Status of India & West Bengal. ....2 | TOTAL = 90  TOTAL = 90  TH. TOTAL = 60  PR. TOTAL = 30  TOTAL = 90 |

LESSON PLAN FOR GEOA\_SEM-6, 2024

(CBCS SYLLABUS)

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| UNIT WISE DIVISION  CC13: GEOGRAPHICAL THOUGHT –90 classes-90 hours | NO OF CLASSES |
| Unit 1: Nature of Pre-Modern Geography  ND - 1. Development of Geography: Contributions of Greek Geographers….4  AP - 2. Contributions of Chinese Geographers…………………………………..….……2  AP - 3. Impact of ‘Dark Age’ in Geography and Arab contributions……………..2  AP - 4. Geography during the age of ‘Discovery’ and ‘Exploration’: Contributions of Columbus, Vasco-da-Gama, Magellan, Thomas Cook. ……..4  AP - 5. Transition from cosmography to scientific Geography : contributions of Bernard Varenius and Immanuel Kant ………………………………………………....4  ND - 5. Dualism and Dichotomies: Idiographic vs. Nomothetic, Physical vs. Human, Regional vs. Systematic & Determinism vs. Possibilism. …………..…..5  Unit:2 Foundations of Modern Geography and Recent Trends  AP - 7. Evolution of Geographical thoughts in Germany. ……………………..…12  KD - 8. Evolution of Geographical thoughts in France. …………………………..…8  SM - 9. Evolution of Geographical thoughts in the USA……………………..…..…10  MH - 10. Evolution of Geographical thoughts in Britain. …………………………..6  SM - 11. Trends of geography in the post-World War-II period: Quantitative Revolution, systems approach. …………………………..……………………………………3  KD - 12. Evolution of Critical Geography: Behavioural, humanistic and radical. ………………………………………………………………………………………….…..……4  MH -13. Changing concept of time-space in geography in the 21st Century. 2   * Tutorial class. ……………………………………………………………………….…….15 * Remedial class. …………………………………………………………………………….4 * Class test & Internal exam. …………………………………………………..……….5   CORE COURSE 14: DISASTER MANAGEMENT  THEORY  UNIT-I (Concepts)  SM - 1. Classification of hazards and disasters. ………………………………….…….3  KD - 2. Approaches to hazard study : Meaning, Risk perception, Vulnerability assessment, Hazard paradigms. ……………………………………..…...7  SM - 3. Responses to hazards : Preparedness, Trauma and aftermath, Resilience capacity, Capacity building. ……………………………………………….…...7  MH - 4. Hazard mapping : Data & geospatial techniques. ……………………..…...9  UNIT-II (Hazard specific study with focus on India)  AP - 5. Earthquake:Factors, Vulnerability, consequences & management ….5  AP - 6. Landslide : Factors, Vulnerability, consequences & management. …..5  KD - 7. Tropical cyclone:Factors, Vulnerability, consequences & management. ………………………………………………………………………………………….5  ND - 8. Riverbank erosion:Factors, Vulnerability, consequences and management. ………………………………………………………………………………………….5  ND - 9. Radioactive fallout:Factors, Vulnerability, consequences and management. ………………………………………………………………………………………....5   * Remedial class. …………………………………………………………………………....4 * Class test & Internal exam . ………………………………………………………..…5   PRACTICAL - (KD)  Collection of data and Preparation of a Project Report ………………………….30  DSE04T: HYDROLOGY & OCEANOGRAPHY – 90 classes-90 hours  Unit-I: Hydrology  KD - 1. Systems approach in hydrology. Global hydrological cycle: Its physical and biological role. ……………………………………………………………….…... 6  SM - 2. Run off: controlling factors. Infiltration and evapotranspiration. Run off cycle. ……………………………………………………………………………………………..… 7  ND - 3. Drainage basin as a hydrological unit. Principles of water harvesting and watershed management. ………………………………………………………………….7  ND - 4. Groundwater: Occurrence and storage. Factors controlling recharge, discharge and movement. ……………………………………………………………………...7  Unit-II: Oceanography  SM - 5. Major relief features of the ocean floor: characteristics and origin according to plate tectonics. ………………………………………………………………….10  KD - 6. Physical and chemical properties of ocean water. ………………….……..6  KD - 7. Water mass, T–S diagram. …………………………………………………….……...6  AP - 8. Ocean temperature and salinity: Distribution and determinants. ….7  AP - 9. Marine resources: Classification and sustainable utilisation. ………...7  AP - 10. Sea level change: Types and causes. …………………………………………....7   * Tutorial class. ……………………………………………………………………………..15 * Remedial class. …………………………………………………………………………....5 * Class test & Internal exam. ……………………………………………………….….5   DSE06T: RESOURCE GEOGRAPHY –90 classes-90 hours  Unit I: Resource and Development  KD - 1. Natural Resources: Concept and classification. …………………………..…4  KD - 2. Approaches to Resource Utilisation: Utilitarian, Conservational, Community based adaptation. …………………………………………………………….…. 7  KD - 3. Significance of Resources: Backbone of Economic growth and development. ………………………………………………………………………………………....3  ND - 4. Pressure on resources. Appraisal and Conservation of Natural Resources. ………………………………………………………………………………………….….5  ND - 5. Problems of resource depletion—global scenario (forest, water, fossil fuels). ……………………………………………………………………………………………………..7  AP - 6. Sustainable Resource Development. …………………………………………....3  Unit II: Resource Conflict and Management  AP - 7. Distribution, Utilisation, Problems and Management of Mineral Resources: Bauxite and Iron Ore. ……………………………………………………….….10  SM - 8. Distribution, Utilisation, Problems and Management of Energy Resources: Conventional and Non-Conventional. …………………………………..15  SM - 9. Contemporary Energy Crisis and Future Scenario. …………………….….4  AP - 10. Limits to Growth and Sustainable Use of Resources; Concept of Resource sharing : Water. …………………………………………………………………..……7   * Tutorial class. ……………………………………………………………………………..15 * Remedial class. ………………………………………………………………………..……5 * Class test & Internal exam. ……………………………………………………….…. 5 | TOTAL = 90  TOTAL=60  30  TOTAL = 90  TOTAL = 90  TOTAL = 90 |