

| COURSE TITLE | COURSE OUTCOMES OF GENERAL PAPERS (1+1+1 SYSTEM) |
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| PHYSICAL GEOGRAPHY | <p>CO1: Understand the structure of the earth and identify the influence of limestone and granitic rock structure on topography</p> <p>CO2: Develops a complete understanding of different endogenetic and exogenetic processes operating on earth and their impact on evolution of landscape with emphasis on fluvial, coastal and aeolian processes</p> <p>CO3: Understand origin of landforms in the light of Plate Tectonics with special reference to fold mountains, trenches and island arcs.</p> <p>CO4: Interpretation of geological maps with unconformity and intrusions on uniclinal and folded structures</p> <p>CO5- Explain insolation and heat budget and identify the nature and factors influencing horizontal and vertical distribution of temperature and pressure</p> <p>CO6- Explain the causes and effects of Greenhouse effect</p> <p>CO7- Describe atmospheric disturbances with emphasis on tropical and mid-latitude cyclones and monsoonal rainfall</p> <p>CO8- Classify climate after Köppen</p> <p>CO9- Identify the factors of soil formation,</p> <p>CO10- Describe the development of soil profile, physical and chemical properties of soil, characteristics of zonal, azonal and intra-zonal soils</p> <p>CO11- Understand the concept of ecosystem and biomes with special reference to Tropical Rainforest, Hot Desert</p> <p>CO12- Describe the Halophyte, Xerophytes, Hydrophite, Mesophite plant types and distribution</p> |

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| HUMAN GEOGRAPHY | <p>CO1: Identify the factors of growth and distribution of world population with special reference to fertility, mortality and age-sex structure of population</p> <p>CO2: Explain the concept and classification of migration, its causes and consequences</p> <p>CO3: Understand contemporary social issues like literacy and poverty</p> <p>CO4- Identify the sectors of the economy and describe their characteristics and changing emphasis through time.</p> <p>CO5- Identify the types of agriculture and describe their characteristics shifting cultivation of India, intensive subsistence rice farming in India, plantation farming in India.</p> <p>CO6- Identify the general characteristics, location, problems and prospects of cottage, small scale and large-scale industries with special reference to cotton textile industry, heavy engineering industry, locomotive, Petroleum refining industry.</p> <p>CO7- Understand regions of India with emphasis on formal and functional</p> <p>CO8- Identify the broad physiographic regions of India with special reference to Deccan Trappe</p> <p>CO9- Identify the agricultural regions of India with special reference to Punjab-Haryana wheat belt, and industrial regions of India: special reference to Asansol-Durgapur industrial belt.</p> <p>CO10- Describe Indian monsoon and its impact with emphasis on problem of flood, drought and cyclone.</p> <p>CO11- Describe the forest resources of India with special reference to issues concerning deforestation and social forestry</p> |
| APPLIED GEOGRAPHICAL TECHNIQUES | <p>CO1- Develops deep understanding about concepts of scale, projections and cartograms and perform their computations and graphical representations.</p> <p>CO2- understand and interpret topographical sheet</p> <p>CO3- Acquire skills of performing basic statistics</p> <p>CO4- Ability to write a field report based on man-nature relationship in a rural mouza or urban ward survey, data collection, computation and graphical representation.</p> |
| APPLIED GEOGRAPHY | <p>CO1- Understand the concept and attributes of land, objectives and principles of land use</p> <p>CO2- Identify the factors influencing land use and land categories</p> <p>CO3- Classify rural and urban settlement's evolution, nature, characteristics and issues</p> <p>CO4- Understand the basic concept of Remote Sensing, aerial photo and satellite imagery, GIS and its applicability</p> <p>CO5- Ability to interpret weather map, aerial photo and prepare thematic maps representing flow diagram and detour index</p> |