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Man's Relation to Climate and Landform

2nd and 4th sem both

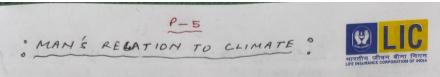
Landform

P-2 mettre other attractive for minune contractions are least attractive for human occupation. ofcourse, may are a source of valuable mineral products eq. chotangpy plateau. They are also the source of great Rivers. During the Indo- Chinese war in 1962, The Himdhyas played possitive role to protect our mother land. Relation of Mountains Ecology to Man The ecology of mountains have a very important influence on the human life, The nature of mountain ecology will be considered under the following headings : 1. Sparsely Populated " Meagne and scattered resources are responsible for tiny, seattered settlements in mountains, Food supply controls the distribution of population in hilly regions Mountain therefore repel (restrict) population by their inaccersibility and also by their harsh andition of life. Mountain regions are as a rule more sparsely settled than plains, In both the were word that mountain regions ane mernely populated. 2. Importance of Lumbering . The forest belts covers extensive areas of mountains ranges all over The world. The inhabitants of these areas are mostly poor, imeducated and have no option to follow modern economic activity except kunsering, pestoral nomadism etc.

P-3 3 chief somer of forest Product: 12 _1 for a long time the mountains of Himelayas, chota Nagpur Platian, including peninsular Indie were our chief source of forest product, forest based industries like plywood, fernisher, Aurvettic medicine etc. depends on it. (2) Diminishing floods . The mountains as a naturel forest reserve have been of high importance to man. To mantain and protect the forest means not merely a continuation of the supply of forest products, but also regulation of the streams that drain the mountain and thereby corpols flood. (5) Mountains as a source of mineral Resources: Through-out the world there is a close selation between mountains and some sorts of minerals bealth. Some kind of valuable mineral may be found away from mountains, such as coal, clays and certain building stones; but with few exceptions, the great mining negions of the world are in mountain areas. As for example, The USA, Germany shows the relationship of mining to mountains. from, coal, petroleum and lesser quantities of other mineral products are found in the Appalachian mountain and the Adirondack (UK) The croded mountains like take superior, Decion plateau are the great mining areas. @ Permanent source of Power? Mountains are the source of personnial Rivers which are source Dewater power. In me manufacturing, water

@ Montains as Natural Boundary: The frequent use of mountains as natural boundary lines between nations, as in the case of the thinday, between china and India, Pyranees between France and spain and the Ander between chile and Argentine etc. They are perfect Bounderies & Effect of mountains on climate, Mountains rising above me ground level have a cooler climate than the surrounding lowlands. The decrease in temperature with inexcessing altitude cause mariation in climate. The effects of mountains on elimete ane: as the influence of precipitation b) The development of snow fields & glaciers. and if the supply of of water necessary for forest growth 30, These are some of the important Relations to make and mountain Envisonment, Mountains ane Unganourable to Agriculture, Poor in Productivity, montains as Resorts etc. also not less important Relations to mountain theo logy

Climate



No factor of his envisonment exercises a vider influence on human life than elimate. Its influence is largely indirect in its relation to regetation and crops, ultimately it is the dominent control on human activity. Perhaps it is needless to say the fact that moisture and heat, two elimatic factors are essential to human life.

climate is a factor of the environment which makes itself felt through the primitive want of ford and shelter at every step. It is a condition which cannot be modified. Man can cut through an isthmuss (2rhor) or bridge a river, but he cannot affect the reinfall or change the winds. The best he can do is to remedy the deficiency of rainfall in a desert by borrowing surplus rainfall from elsewhere with which to irrigate the ground. But this can be done enty on a small scale. The great deserts remain desirts and will do so unless man discover new means of technology.

climate affects not only the agriculture, but all other aspells of human life. Our clothing, our houses, our roads and railways, our food and our very health and capacity to work depend upon climate. Climate is also the controlling factor in trade, except the trade in minerals. because climate localizes the growth of plant and animal products. After all the human civilisation in warm, temperate, subboopical majors are all due to the influence of climate.

The Ecological Relations of climate to Man. Climate occupies the fundamental position in the study of human geography. On the other hand, it determines, to a large extent, the production of commodities, and on other, it controls and excetes markets for them by determining the wants of men. The ecological relationships between man and climate are not a "one-way street". climate, of course, is only one of many factors conditioning mains working and thinking aptitude 1. Invaluable Natural Resource: climate is an invaluable natural resource. It has innumerable applications to every human activity. For strategic and technical planning during emergency and war, weather history and elimatological studies become emminent. A very important aspet of climetology is the Agro-meteorological requirement for study of crop relations, optimum land utilization, crop protection from deseases etc. For future planning economists planners and administrators need advance information, especially on the deficiencies in rainfall, droughts and their impact on food production, 2 climate and daily life ; Human activities are so intimately related to the climatic conditions, that it is an advantage to know the forecaste of next 24 hours weather, so that one may be reedy for it. Weather forecasting has therefore,

world's affairs today. The weather forecasting service in the world has been organised to meet the requirements of aviation, mariners and the general public. with the growth of aviation, aeronomical, meteorology has become the major activity, Now a days farmers meather Bulletins are issued stressing weather affecting agricultural operations and indicating onset of monsoen etc. with which farmers will have to coordinate their activities. 3. Climate makes the Man's climate is the most fundamental factor in the development of man on me face of the earth. According to Mathew all the groups of mammals arose within, and dispersed progressively in process of time and men primarily evolved. According to anthropologists that climatic conditions probably account indirectly for the character of hair, Man's Nasal index skin colour etc. Even life style is also influenced by climate for example, the lazy easygoing life of the Tropies, Hard and troublesome life of Deserts L polar oneas et. 4, Effects of elimote on Houses ? Climate influences the type of arthitecture, the plan of buildings. and the materials employed in construction. Stone, contrete, fire bricks and sloping

roofs wvered with thetch are a necessary protection against low hemperature and heavy rainfall in India. House types of thills, plains pleteous and deserts are not same.

The other of the first of climate on vegetation ; elimate. remperature, rainfatt and sunstine are elementary elementary requinements for its growth. Man can draw upon only particular types of negetation for his food . These are generally grasses, certain trees for fruits and beverage trees like mango, apple, cocoa, walnut etc. 6. The influence of climate on Human Migration . whenever there have been changes in the climate of an area so as affects adversely The production of food, migration of people on a large scale to more farourable adjoining areas have taken place. Such migrations from central Asie in the past have brought about political changes in Europe and Asia, climatic Hazard is the main cause of such migration. (7) Effect of climate on Industries: climatic factors frequently influence the location of mounfactures. A more striking instance of climatic costor of industry is to be found in the film industry. In order to get the best effects in photography a clear climate with abandant sunshine and few cloudy days are required . Holywood in Californie is said to be the best centre for this industry, and next come Italy, Southern France and climate and Population controll, climate and Racial characteristics, climate and civilization climete and Agriculture seti are also very