

Class 11th                  Subject Geography

Read the following passage throughly and try to understand and Write down in your H.W.Copy

## PHYSICAL GEOGRAPHY AND NATURAL SCIENCE

Define the relation of geography with Natural Science.

All branches of physical Geography have close relation with Natural Sciences. Biogeography has close link with Zoology and Botany.

(3ALEXANDERVAN HUMBOLDT)

Mathematics and Arts also have contributed to the development of Geography to measure the area and dimensions of the earth. Cartography and projections are based on mathematics.

Explain the contribution of social science to the Human geography.

History of geographical thought is the mother of all branches of geography. Sociology, political science, economics provide the aspects of social reality. Population geography has close link with demography.

## BRANCHES OF GEOGRAPHY

BASED ON SYSTEMATIC APPROACH INTRODUCED BY Alexander Von Humboldt, a German geographer (1769-1859

## 4 KARL RITTER

What is the importance of PHYSICAL GEOGRAPHY?

Physical geography includes study of Lithosphere, Atmosphere, Hydrosphere & Biosphere- each element is very important for human beings.

Landforms provide base for agriculture, industries, transport and communication, and settlements. Mountains provide water to rivers, forests-center for tourist spots.

Climate influences on the cropping pattern, livestock, food and clothes of the people.

Climate and precipitation influence the type of forests. Oceans provide food, water transport, and influence the climate; they are the source of hydrological cycle. (i) Geomorphology is devoted to the study of land forms, their evolution and related processes.

(ii) Climatology encompasses the study of structure of atmosphere and elements of weather and

climates and climatic types and regions.

(iii) Hydrology studies the realm of water over the surface of the earth including oceans, lakes, rivers and other water bodies and its effect on different life forms including human life and their activities.

(iv) Soil Geography is devoted to study the processes of soil formation, soil types, their fertility status, distribution and use.

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