

NCERT SOLUTIONS

CLASS - 11th



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Class : 11th

Subject : Geography

Chapter : 1

Chapter Name : Geography as a Discipline

Q1 Multiple choice questions.

- (i) Which one of the following scholars coined the term ‘Geography’?
- (a) Herodotus

(b) Erathosthenese

(c) Galileo

(d) Aristotle
- (ii) Which one of the following features can be termed as ‘physical feature’?
- (a) Port

(b) Road

(c) Plain

(d) Water park
- (iii) Make correct pairs from the following two columns and mark the correct option.

1. Meteorology	A. Population Geography
2. Demography	B. Soil Geography
3. Sociology	C. Climatology

4. Pedology	D. Social Geography
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- (a) 1B,2C,3A,4D
- (b) 1A,2D,3B,4C
- (c) 1D,2B,3C,4A
- (d) 1C,2A,3D,4B

(iv) Which one of the following questions is related to cause-effect relationship?

- (a) Why
- (b) Where
- (c) What
- (d) When

(v) Which one of the following disciplines attempts temporal synthesis?

- (a) Sociology
- (b) Geography
- (c) Anthropology
- (d) History

Answer.

- (i) (b) Erathosthenese
- (ii) (c) Plain
- (iii) (d) 1C, 2A, 3D, 4B
- (iv) (a) Why

(v) (d) History

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Q2 Answer the following questions in about 30 words.

- (i) What important cultural features do you observe while going to school? Are they similar or dissimilar? Should they be included in the study of geography or not? If yes, why?
- (ii) You have seen a tennis ball, a cricket ball, an orange and a pumpkin. Which one amongst these resembles the shape of the earth? Why have you chosen this particular item to describe the shape of the earth?
- (iii) Do you celebrate Van Mahotsava in your school? Why do we plant so many trees? How do the trees maintain ecological balance?
- (iv) You have seen elephants, deer, earthworms, trees and grasses. Where do they live or grow? What is the Name given to this sphere? Can you describe some of the important features of this sphere?
- (v) How much time do you take to reach your school from your house? Had the school been located across the road from your house, how much time would you have taken to reach school? What is the effect of the distance between your residence and the school on the time taken in commuting? Can you convert time into space and vice versa?

Answer.

(i)- While going to school we observe cultural features like roads, parks, hospitals, temples and markets. These features are dissimilar.

Yes, they should be included in the study of geography as they are an important part of human geography and variations in these can make us understand the relationship between the physical environment and social /cultural features.

(ii) Earth is not a sphere like a cricket ball or a tennis ball. The shape of Earth is geoid and resembles the shape of orange i.e. a sphere but wider at the equator. The shape of a pumpkin however is flatter at the ends and wider in the middle than the shape of the Earth.

(iii) Yes we celebrate Van Mahotsava in our school. We plant trees because the use of planting trees are manifold for example they provide us with oxygen, food, paper, wood, rubber etc, they prevent soil erosion and clean air.

Trees maintain ecological balance by taking in carbon dioxide and giving out oxygen.

(iv) Elephants, deer, earthworms, trees and grasses live in the biosphere of Earth which contains all the life forms including human beings, micro-organisms and their sustaining mechanism.

Features of biosphere-

- It is a layer consisting of air, water and land forming the ecosystem for living organisms.
- It consists of various sustaining mechanisms for all the processes viz. food chain, ecological parameters and ecological balances.
- It is consists of three components i.e. Lithosphere, Hydrosphere and Atmosphere

(v) In total it takes me 40 mins to reach my school from my house. Had the school been located across the road from my house it would take me approximately 5 minutes to reach my school. The distance between my residence and school has taken a toll on my performance in school. Since if I have to reach on time I have to increase my speed or choose a fast mode of communication either way I feel tired during the school hours.

Yes I can convert time into space and vice versa.

Page : 11 , Block Name : Very Short Answer

Q3 Answer the following questions in about 150 words.

(i) You observe every day in your surroundings that there is variation in natural as well as cultural phenomena. All the trees are not of the same variety. All the birds and animals you see, are different. All these different elements are found on the earth. Can you now argue that geography is the study of "areal differentiation"?

(ii) You have already studied geography, history, civics and economics as parts of social studies. Attempt an integration of these disciplines highlighting their interface.

Answer.

(i) There exists variations over the surface of Earth in both its physical environment and cultural environment. These variations can be both similar and dissimilar. However, geography is a study covering more than just study of areal differentiation; it is also the study of associations with the other factors which causes these variations.

Areal differentiation means that the surface of Earth may be divided into regions which can be distinguished using various spatial criteria. Geography studies the patterns of distributions, locations of these patterns and concentration of phenomena over space and interprets those providing possible explanations for the same. It helps in understanding the associations and inter- relationships between various phenomena arise due to the interaction between human beings and their physical environment. Like in some parts of the earth we find deserts, some places we find no vegetation at all but ice-sheets, some places we find evergreen forests whereas some places have mangroves. In some parts of the earth we find polar bears whereas in some parts we find a variety of different species. Hence, we can argue that geography is the study of areal differentiation in contrast with other disciplines.

(ii) Each and every social science has a close interface with one branch of geography. Each and every discipline studies different aspects of social reality. Here are a few integrations that would help us highlighting their interfaces :

Geography and History- History views human experience from the perspective of time whereas geography perceives it from the perspective of space. The emergence and evolution of cultural features across the planet can be understood by the study of both together. The geography of a country provided defence to many countries. Example USA being covered by water made it difficult to invade the country. Thus the geography of a country has set the course for its history. Similarly the changes in the physical environment have also followed a definite historical course.

Geography and Civic- The development of a country largely depends on the geography of the country. Political outlook towards a country directly depends on the development of the country. Political Science is mainly concerned with territory, people and sovereignty. Whereas a branch of geography which is political geography focuses on the study of the state as a spatial unit and focuses on the development of the state, its people and their political behaviour.

Geography and Economics- Economics is broadly based on the basic attributes of the economy such as production, distribution, exchange and consumption. Economic geography is the study of human's economic activities under various sets of conditions which is associated with production, location, distribution, exchange and consumption.

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