

NCERT Solutions for Class 7 Social Science Geography

Chapter 1: Comprehensive Answers

NCERT Solutions for Class 7 Social Science Geography Chapter 1 from the Physics Wallah experts are your best friend in your endeavour to score well in your exams. You'll find them right here!

NCERT Solutions for Class 7 Social Science Geography Chapter 1 introduce us to the environment around us. Our environment comprises living and non-living things and it's a combination of various forces—physical, chemical and natural. The natural environment we live in comprises land, water, the plants and animals and the air we breathe. Human beings are found to be in interaction with the environment and they modify it to suit their needs. Chapter 1 also sheds light on our ecosystem.

NCERT Solutions for Class 7 Social Science Geography Chapter 1—Environment

The **NCERT Solutions for Class 7 Social Science Geography Chapter 1** from the experts at Physics Wallah have been written in simple English which makes them easy to understand for even the weaker students. Remembering them isn't difficult either. All it requires is some focused studying. These solutions in perfect English help you score well in your exams. Students can form a deep understanding of the concepts discussed in Chapter 1, Environment when they refer to our solutions.

Our experts have seen things from the students' point of view. That has helped them grasp the difficulties they face when preparing for their exams. Conscious efforts have therefore been made to prepare solutions that help students face exams with confidence. Our solutions offer effective help to students to face exams with a relaxed mind. They are a tremendous confidence booster and they help deal with exam anxiety greatly.

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Q 1. Answer the following questions.

(i) What is an ecosystem?

Answer: The system formed by the interaction of all living organisms with each other and with the physical and chemical factors of the environment in which they live, all linked by the transfer of energy and material, is called an ecosystem.

(ii) What do you mean by natural environment?

Answer: The basic components and organisms that are naturally present in the environment without any human involvement, like the land, water, air, plants and animals, comprise the natural environment.

(iii) Which are the major components of the environment?

Answer: Components of the environment include

1. Natural Components (Air, Water, Land and Living things)
2. Human-made Components (Components created by human beings)
3. Human Components (Human populations)

(iv) Give four examples of a human-made environment.

Answer: Four examples of the human-made environment are buildings, parks, industries and bridges.

(v) What is lithosphere?

Answer: The solid crust or the hard top layer of the earth is called the lithosphere. It is made up of rocks and minerals and is covered by a thin layer of soil. It is an irregular surface with various landforms like mountains, plateaus, plains, etc.

(vi) Which are the two major components of the biotic environment?

Answer: Plants and animals are the two major components of the biotic environment.

(vii) What is a biosphere?

Answer: Biosphere or the living world is the narrow zone of earth where land, water and air interact with each other to support life. The plant and animal kingdoms together form the biosphere.

Q 2. Tick the correct answer.

(i) Which is not a natural ecosystem?

- (a) Desert
- (b) Aquarium
- (c) Forest

Answer: b

(ii) Which is not a component of the human environment?

- (a) Land
- (b) Religion
- (c) Community

Answer: a

(iii) Which is a human-made environment?

(a) Mountain

(b) Sea

(c) Road

Answer: c

(iv) Which is a threat to the environment?

(a) Growing plant

(b) Growing population

(c) Growing crops

Answer: b

Q 3. Match the following.

(i) Biosphere	(a) blanket of air which surrounds the earth
(ii) Atmosphere	(b) domain of water
(iii) Hydrosphere	(c) gravitational force of the earth
(iv) Environment	(d) our surroundings
	(e) narrow zone where the land water and the air interacts
	(f) relation between the organisms and their surroundings

Answer 3:

(i) Biosphere	(e) narrow zone where the land water and the air interacts
(ii) Atmosphere	(a) blanket of air which surrounds the earth
(iii) Hydrosphere	(b) domain of water
(iv) Environment	(d) our surroundings

Q 4. Give reasons.

(i) Man modifies his environment.

Answer: Man modifies his environment to fulfil his basic needs, as it is the basic life support system. He builds houses to live in and industries to work in, which modifies the environment and also its mineral wealth. Humans have used the fossils for their own development, disturbing the ecological system and animal habitats.

(ii) Plants and animals depend on each other.

Answer: Plants and animals are interdependent on each other because plants are the producers, and animals are the consumers. Plants release oxygen in the atmosphere, which is inhaled by human beings and humans exhale carbon dioxide, which helps plants in producing their own food.

The Key Points of Class 7 Social Science Geography Chapter 1

Here's a brief on the most important points that the chapter looks into—

- ✓ The entire spectrum of all components, living and non-living form our environment. It also encompasses the effects these have on our lives.
- ✓ The interactions between all living species create the ecosystem. Our environment's physical and chemical aspects that are linked together through the flow in energy and resources are also important components of our ecosystem.
- ✓ Our natural environment is made of water, air, land, plants and animals. A combination of biotic (plants and animals) and abiotic (non-living things) factors existing on Earth forms our natural environment.
- ✓ Our environment includes natural, man-made and human-made components.

NCERT Solutions for Class 7 Social Science Geography Chapter 1 Summary

Class 7 Social Science Geography Chapter 1 gives us an account of the environment that surrounds us. We get to know what the components of the environment are and how we humans interact with the environment and make changes to it as per our needs. We learn how various living and non-living things form our environment and how various forces, physical, chemical and natural combine to create it. We also know about what forms our natural environment and the chapter also sheds light on the ecosystem.

Here's a rundown on what has been discussed in this chapter.

1. Components of the Environment

- a. Natural Environment
- b. Man made Environment
- c. Human Environment

2. Atmosphere
3. Ecosystem

NCERT Solutions for Class 7 Social Science Geography Chapter 1

FAQs

Q1. Are the solutions given here conducive for critical thinking?

The solutions given here are all in free-flowing English and hence, students find joy studying them. The clear explanations of all the concepts included in the chapter induce students into learning more. Hence, critical thinking certainly is encouraged by our solutions.

Q2. What does Chapter 1 of Class 7 Geography teach us?

This chapter gives us a peek into our environment and the ecosystem and the various components that form it. It tells us how we modify our environment the way need it to.

Q3. Are these solutions available for ready reference?

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Q4. How do I remember the solutions given here?

Going through the solutions regularly is the most effective strategy. There's also the tried and tested method of writing down what you study repeatedly. The easy English used in the solutions ensures that you won't face much of a challenge remembering them.

Q5. Can I be sanguine about the quality of the solutions given here?

The answers given here have been compiled by experts at Physics Wallah after referring to credible sources. They contain all relevant information. Moreover, the English in these solutions is free of any mistakes. As such, you can be confident about the quality of these answers.