

# NCERT SOLUTIONS

CLASS - 12th



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Class : 12th

Subject : English

Chapter : 3

Chapter Name : Journey to the End of the Earth

Q1 "The world's geological history is trapped in Antarctica." How is the study of this region useful to us?

Answer. The study of the continent, Antarctica can help the researchers to bring out the past, present and future of our planet. Antarctica used to be a part of the giant landmass, Gondwana, before its separation. Aftermath it has been left isolated with no human population and only glaciers around. But it's geology provides a lot more to explore and discover it. The giant glaciers, the preCambrian rocks and mountain ranges, the enormous marine life could provide the endless sources to discover the undiscovered on earth.

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Q2 What are Geoff Green's reasons for including high school students in the Students on Ice expedition?

Answer. Geoff Green being an environmentalist, had always believed in highschool students to be the future policy makers. According to him, the students need to understand nature and should be able to connect to it for saving our environment from hazardous damages. Students can best understand and interact with nature and are responsibly aware citizens who can contribute really well for the wellness of our mother earth. Besides, he wanted to make students have a watch on how badly earth has been trapped into the clutches of global warming, the melting glaciers could have been an insight for change and learning.

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Q3 "Take care of small things and the big things will take care of themselves." What is the relevance of this statement in the context of the Antarctica environment?

Answer. This statement has a great instance for its credibility in the text. Antarctica has less biodiversity. The marine life is the only dominant ecosystem there. Small unicellular plants known as phytoplankton play a major role in providing nutrition to the aquatic animals. The author explains its prime importance as the food provider of marine animals, the further depletion in the ozone layer will affect it and the carbon cycle badly. It's a major threat to aquatic ecosystem dwelling there. So in order to bring major changes , we need to take small steps towards a well organised way to make bigger changes in the future.

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Q4 Why is Antarctica the place to go to, to understand the Earth's present, past and future?

Answer. Antarctica has half a million of carbon records manifold inside. If explored a lot more can be discovered about our past through the process of carbon dating. The present scenario of global warming ,which is the major threat to our environment can be witnessed there. The melting of glaciers at a faster rate , the rise in temperature are all threats through which one can precisely predict the future of our upcoming generations.

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