

St. Gregorios High School  
Prelim Examination  
2007-2008

*Theexampapers.com*  
Environmental Education

Time: 2 hrs.

Marks:80

Answers to this paper must be written on the paper provided separately.

You will not be allowed to write during the first 15 mins.

This time is to be spent reading the question paper.

The time given at the head of this paper is the time allowed for writing the answers.

Attempt **all** questions from **section A** and  
**any four** from **section B**

- 
- Q1** a) What is a watershed? (2)  
b) Write one difference between soil conservation and soil management. (2)  
c) Define sustainable development. (2)  
d) What is by-catch? (2)  
e) What are point and non-point sources of pollution? (2)
- Q2** a) Name the greenhouse gases. Write two ways in which we can Reduce greenhouse gases. (2)  
b) What is eco-efficiency? (2)  
c) What is temperature inversion? (2)  
d) What are the immediate effects of deforestation? (2)  
e) Where are the off-shore drilling facilities available in India (2)
- Q3** a) Mention two steps taken in olden days to conserve natural resources? (2)  
b) What is the relationship between carbon dioxide and flooding (2)  
c) What is "Earth Watch" ? (2)  
d) What is the difference between bio-gas and bio-mass? (2)  
e) Differentiate between avalanche and landslide? (2)
- Q4** a) State any four health hazards caused by food adulteration. (2)  
b) Where is Silent Valley? What are its forests called? (2)  
c) What are Khadins? Where are they found? (2)  
d) What is secondary displacement? What is its impact? (2)  
e) Why are shelterbelts grown? (2)

**SECTION B**

---

- Q5 a) What is Social Forestry? Write two objectives of social forestry? (4)  
b) Write short notes on (i) Sukhomajri (ii) Ganga Action Plan (6)
- Q6 a) How do oceans regulate climate on land? (4)  
b) What are the causes of low productivity in agriculture? (6)
- Q7 a) Name and explain the working of any two devices used to control air pollution? (4)  
b) In 1995 a group of 2000 leading scientists got together under the IPCC and concluded that important aspects of our lives can be affected through climate change. Discuss. (6)
- Q8 a) What is eco-friendly technology? What are the advantages of using eco-friendly technology? (4)  
b) With reference to sustainable development write short notes on  
(i) Renewability  
(ii) Institutional Commitment (6)
- Q9 a) Discuss the nature of the Kyoto Protocol and which are the two countries that have not ratified the protocol. (4)  
b) What are the objectives of prevention and control of air pollution act of 1981? What are the powers of the Air Pollution Control Board? (6)
- Q10 a) How do you plan tsunami resistant buildings? (4)  
b) What is being done with respect to solid waste management? (6)
-

**SECTION C**  
**PROSE - VILLAGE BY THE SEA**

**Question 5**

*We are farmers and fishermen from Alibagh," said Mahe quietly before he moved on. "We have come to speak to the Chief Minister."*

*"You do that," the policeman told him. "You do that – he is waiting for you, with tea and a garland and a sweet for each of you." He burst out laughing again, winking at the bus-driver as he did so, and then blew his whistle shrilly to make them move. Hari and his companion moved on, very hurt and offended.*

- a) Who is Hari? Briefly explain the reasons that compelled Hari to leave his village. [3]
- b) Later in Bombay, why did Hari face threats from another policeman? Who saved him? How? [3]
- c) Which place were the farmers and fishermen from Alibagh heading for? What had inspired them to do so? [3]
- d) State the true reasons why Hari had joined the procession. How did Hari feel after the conclusion of the meeting with the Chief Minister? [3]
- e) At the end of the story, who gives Hari the confidence he needs? What advice does this person give him? How is it similar to what Mr Panwallah had told Hari earlier in the story? [4]

**Question 6**

The day Hari decides to ask Biju for a job, he hears the argument between Biju and the man from the tin shack. Shortly afterwards, he hears the speech given by the young man, Adarkar, the organizer from Alibagh.

With close reference to the above, show how these two incidents affect Hari. [16]

\*\*\*\*\*