



March-2016

FY BMS
OP3 AFO

Envt. mgmt.

Time: 2.30 hrs.

Marks : 60

NOTE: 1) All questions are compulsory.

2) All questions carry 15 marks.

Q1. Answer any 2 of the following :-

(15)

- a. Discuss Atmosphere as the basic component of Environment.
- b. Write a note on :-
(i) Water cycle. (ii) Carbon cycle.
- c. Distinguish between resource and wealth.

Q2. Answer any 2 of the following :-

(15)

- a. Mention the factors that are responsible for the degradation of urban land.
- b. Identify the source, problem and solution to deal with Air pollution.
- c. Explain in brief Disaster Management Cycle.

Q3. Answer any 2 of the following :-

(15)

- a. What are the various dimensions of Sustainability Development?
- b. Discuss the Salient measures of :-
(i) Wild life (Protection) Act. (ii) Water Act.
- c. Write a note on Koyoto Protocol.

Q4. Answer any 2 of the following :-

(15)

- a. Wind energy has its advantages and disadvantages. Explain.
- b. Elaborate the concept of Eco-tourism and its prospects for development in India.
- c. Elucidate the role of Eco-friendly packaging in waste management.

Q5. Case Study:

(15)

A recent study on the global effects of climate change has proved that the net sea-level rise along the Arabian Sea coast has been 1.2mm per year, over the past several decades with Mumbai indicating a rise roughly $1/10^{\text{th}}$ of the meter over last 100years. This observation is based on the study of the two scientists from the National Institute of Oceanography (NIO) in Goa. The Study explains the impact of rising atmospheric temperature with melting of glaciers.

Questions:

- A. What is the observation of the two scientists from NIO?
- B. What is the effect of climate change along the coast of Mumbai?
- C. What will be the impact of rise in sea level upto two meters on Mumbai Island? (Imagination upto 10 to 15 lines)