

M.Sc.(Env.) Semester - 3 (CBCS) Examination**OCT/NOV-2024****Environmental Issues (Core)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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SECTION- I**Q. 1 Answer the following**

- (A) Explain the concept of bioassay in toxicology. (07)
(B) Write a note on the causes, health effects and fluorosis prevention. (07)

OR

Q. 1 Discuss the water-born disease and its impact on health. (14)

Q. 2 Answer the following

- (A) Write a note on the national water mission. (07)
(B) Discuss the national mission for sustainable agriculture. (07)

OR

Q. 2 Describe the national mission of sustainable habitats and explain their benefits to the community. (14)

Q. 3 Do as direct (any seven)

(07)

1. Explain the term green India.
2. What are the factors that influence climate change?
3. Explain the best practices of the water mission.
4. Give examples of air-borne microbes.
5. Describe the national mission of Himalayan ecosystem.
6. Describe the normal range and toxicity of Arsenic.
7. Define: Symptoms of Osteoporosis.
8. Define: Threshold value.

SECTION- II

Q. 1 Discuss the environmental and health impacts of the Minamata Disaster and its future strategies. (14)

OR**Q. 1 Answer the following**

- (A) Write a note on an overview of Fukushima Daiichi Nuclear Disaster. (07)
(B) Write a note on Bhopal Gas Disaster 1984 (07)

Q. 2 Describe "Namami Gange's" national conservation plans. (14)

OR**Q. 2 Answer the following**

- (A) Explain the wildlife conservation projects. (07)
(B) Explain about the eutrophication and restoration of lakes (07)

Q. 3 Do as direct (any seven)

(07)

1. Describe the impact of Tsunami 2004.
2. Give examples of Ramsar sites in Gujarat.
3. Define the aims and objectives of Yamuna's action plan.
4. Explain the ecological impact of Minamata Disaster.
5. Explain the goals of the GOI-UNDP Sea Turtle project.
6. Explain Chernobyl Disaster.
7. What were the challenges of the Gujarat Earthquake in 2001? Explain in brief.
8. Explain the goal of the tiger project.
