

M.Sc.(Env.) Semester - 3 (CBCS) Examination**OCT/NOV-2025****Environmental Issues (Core)****Time: 2:30 Hours****Marks:70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

SECTION-I

- Que.1 Write about the national solar mission and its importance in national growth. (14)
OR
- Que.1 Answer the following
A) Discuss the national mission for sustaining the Himalayan ecosystem.
B) Write a note national mission on sustainable habitat.
- Que.2 Explain the toxicity, absorption, and source of arsenic, Cadmium, and mercury heavy metals. (14)
OR
- Que.2 Answer the following
A) Explain arsenocosis disease.
B) Write a note on major water-borne disease.
- Que.3 Answer the following (any seven) (07)
1) What are the aims and objectives of the national mission?
2) What is the benefit of the national solar mission?
3) Define the characteristics of fluorosis disease.
4) Explain the brief about anaemia.
5) Define the threshold value of mercury.
6) What is the major objective of national water mission?
7) What is biotransformation?
8) Define anemia in brief.

SECTION-II

- Que.1 Answer the following (14)
A) Discuss origin, intensity, impact Minamata Disaster in detail.
B) Describe the case study of Bhopal gas disaster.
OR
- Que.1 Answer the following
A) Explain the Fukushima Daiichi Nuclear Disaster of 2011 and discuss its environmental impact.
B) Explain the origin of the Tsunami-2004 and explain its impact and severity in the Indian Ocean.
- Que.2 Answer the following (14)
A) Explain the national vision of Namami Gange conservation.
B) Write a note on the Conservation of wetlands
OR
- Que.2 Answer the following
A) Describe the benefits of conservation and explain the Yamuna Action Plan in detail.
B) Discuss the aim and objective of Ramsar sites and why it is important in India..
- Que.3 Answer the following (any seven) (07)
1) Write about the chernobyl disaster in brief.
2) What was the reason of Bhopal disaster?
3) Give the few examples of Ramasar site present in the saurashtra region.
4) Explain the mission of Project Elephant.
5) Define eutrophication.
6) Why wildlife conservation is necessary?
7) What caused the Fukushima Daiichi nuclear disaster?
8) Describe the UNDP sea turtle project.
