

M.Sc.(Env.) Semester - 3 (CBCS) Examination
Oct/Nov-2022 (NEW COURSE)
Environmental Issues (Core)

Time: 2:30 Hours**Marks: 70****Instructions:**

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

Section-I

Q.1 Explain the aims, objectives and possible effect of national solar mission. **14**

OR

Q.1 Answer the following

- A. Explain national mission for sustaining the Himalayan ecosystem.
- B. Write a note National Mission for Enhanced Energy Efficiency.

Q.2 Explain the toxicity, absorption, distribution and source of arsenic and mercury heavy metals. **14**

OR

Q.2 answer the following

1. Explain arsenocosis disease.
2. Write a note on osteoporosis.

Q.3 Answer the following (any seven) **07**

1. Enlist the national missions.
2. What are basic objectives of national mission of climate change?
3. Elevated amount of fluorine is present in water, what type of their effect in human health?
4. What is threshold value of heavy metals?
5. What are agenda of national water mission.
6. Define the biotransformation.
7. Define anemia in brief.
8. Explain the role of air borne microbes in environmental issues.

Section-II

Q.1 Answer the following **14**

- A. Discuss origin, intensity, impact and restoration of Gujarat Earthquake 2001 in detail.
- B. Describe case study of Tsunami 2004.

OR

Q.1 Answer the following

- A. Explain the Minamata disaster and causes symptoms in detail.
- B. What is Bhopal Gas Disaster? Explain in detail.

Q.2 Answer the following **14**

- A. Explain national conservation plan of Namami Gange.
- B. Write a note on Eutrophication and restoration of lakes.

OR

Q.2 Answer the following

- A. What are the benefits of conservation? Explain the Yamuna Action Plan in detail.
- B. Discuss project tiger in detail.

Q.3 Answer the following (any seven) **07**

1. Enlist the Ramasar site present in the Gujarat.
2. How many types of pollutant present in the river Ganga?
3. What was the objectives of Project tiger?
4. What reason behind chernobyl disaster was occurred? in brief.
5. What was the reason of Bhopal disaster?
6. What caused the Fukushima Daiichi nuclear disaster?
7. What is UNDP sea turtle project?
8. Who started the project elephant and why?
