

M.Sc.-II (Zoology)(with Credits)-Regular-Semester 2012 Sem IV
MSc2422 / MSC15-4-Special Group-Environmental Biology Paper-III
(Environmental Pollution and Aquaculture)

P. Pages : 1

Time : Three Hours



GUG/S/18/5812

Max. Marks : 80

- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw well labelled diagrams wherever necessary.

1. Describe sources and effects of water pollution in detail. **16**

OR

Write notes on:

- a) Sources of pollution.
- b) Physiological and psychological effects of noise pollution.

2. What is radioactive pollution? Explain its sources and effects on animals. **16**

OR

Write notes on:

- a) Effects and control of insecticide pollution.
- b) Sources and effects of biomedical wastes.

3. Describe the method of calculation of LC50 value & add a note on its significance. **16**

OR

- a) Biological effects of pollutants on aquatic fauna.
- b) Bioaccumulation and biomagnification.

4. Explain basic concept of fisheries and role of marine. Inland and brackish water fisheries in aquaculture. **16**

OR

Write notes on.

- a) Ideal fish farm.
- b) Aquaculture and rural development.

5. Attempt the followings. **16**
- a) Effect of air pollution on human health.
 - b) Sources of hazardous waste.
 - c) Biotransformation.
 - d) Fish seed resources.
