

M.Sc. (Zoology) (CBCS Pattern) Sem-IV
PSCZOOT14.8 / ZOO14 Special Group - Environmental Biology-III :
Environmental Pollution and Aquaculture

P. Pages : 1

Time : Three Hours



GUG/W/22/11436

Max. Marks : 80

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

1. Describe in detail the sources, physiological and psychological effects of noise pollution. **16**
OR
Write notes on:
a) Control of air pollution. **8**
b) Classification of pollutants. **8**
2. Describe the sources, effects and control measures of radioactive pollution. **16**
OR
Write notes on:
a) Sources of Hazardous waste. **8**
b) Control measures of insecticide pollution. **8**
3. Describe purpose, methodology, calculation of LC_{50} values and significance of bioassay study. **16**
OR
Write notes on:
a) Biotransformation of xenobiotics. **8**
b) Biomagnification. **8**
4. Describe in detail the planning and Management of fish farm. **16**
OR
Write notes on:
a) Transport of Fish seed. **8**
b) Aquaculture and rural development. **8**
5. Write in brief on the followings: **16**
a) Sources of water pollution.
b) Sources of biomedical waste.
c) Effects of pollutants on organism.
d) Role of fishery co-operative societies.
