

ENVIRONMENT & ECOLOGY

Time : 2 Hours]

[Total Marks : 50

1 Attempt any four parts : $3 \times 4 = 12$

- a) Write the necessity of public awareness on ecosystem.
 - b) Write a note on global warming
 - c) What are the effects of industrial growth?
 - d) Write the disadvantages of thermal pollution
 - e) What is Bio indicator? How it is used to monitor the environment?
- 0 Write role of individual for the protection of environment.

2 Attempt any two parts : $6 \times 2 = 12$

- a) Write in detail about food web and food chain.
- b) Write a note on Y shaped model energy flow.
- c) What is nitrogen cycle and phosphorus cycle? Justify the ecological significance.

3 Attempt any two parts : $6 \times 2 = 12$

- a) Write the various factors which influence the deforestation and list out the impacts of deforestation.
- b) Write in detail about effects and disposal methods of nuclear pollution.
- c) What is noise pollution? Explain in detail of its various sources, effects and control measures.

4 Attempt any two parts : $6 \times 2 = 12$

- a) What is ozone layer formation and depletion? Explain its various effects on human health
- b) Write in detail about Forest Act.
- c) Discuss the case study about Tsunami effects.