

Following Paper ID and Roll No. to be filled in your Answer Book.

**Roll
No.**

[illegible]

(Odd Semester)

[Maximum Marks : 60]

Note :- Attempt all questions.

SECTION-A

- (d) What is the toxic limit fluoride in drinking water as per WHO?

[P. T. O.]

(g) Write the name of green house gases.

(h) Which act of environment is known as 'Umbrella Act'?

SECTION - B

2. Attempt any two parts of the following : $2 \times 6 = 12$

- (a) What is main goal of environmental impact assessment? Define EIA and discuss procedure of EIA.
- (b) What is population growth? Discuss logistic equation of population growth.
- (c) What is air pollution? Differentiate between primary and secondary air pollutants. Discuss removal methods of gaseous and particulate matter from polluted air.
- (d) What are main objectives of environmental education? Discuss the role of women education in environment protection.

3. (a) Define term ecology. Write different types of ecosystem. Discuss different components of aquatic ecosystem in brief.

(b) What is material cycle? Explain different steps of nitrogen cycle with suitable flow diagram.

(c) What is mining? Discuss impact of mining on environment.

4. (a) What is water born disease? Differentiate between water born disease and water induced disease with suitable example.

(b) Differentiate between conventional and non-conventional energy sources? 'Hydrogen is future fuels' comments on the statement.

(c) What is prey and predator? Discuss population dynamics prey and predators.

5. (a) What is waste water? Discuss the different steps of sewage treatment plant.

[P.T.O.]

- (b) What is rain water harvesting? Discuss methods of rain water harvesting.
- (c) What is integrated solid waste management? Discuss methods of solid waste management.
6. (a) What are environmental legislation? Discuss the role of government in environment protection.
- (b) What is natural disaster? Discuss the different steps of natural disasters.
- (c) What is Ozone Hole? Write the factors responsible for ozone hole. How we can control the ozone layer depletion.
