

U.G. 4th Semester Examination - 2020**Environmental Science****[HONOURS]****Course Code : ENVS-H-CC-L-10****(Environmental Pollution and Human Health)**

Full Marks : 40

Time : 2½ Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Answer any **five** from the following: $2 \times 5 = 10$
- Mention two important parameters for evaluating organic loading in river water.
 - Distinguish between global dimming and global warming.
 - Define photo chemical smog.
 - What is the adverse effect of radiation on human health?
 - What is Minamata disaster?
 - Write the main steps of effluent treatment process.
 - What is the health impact of nitrate pollution in drinking water?

2. Answer any **two** of the following: $5 \times 2 = 10$
- Give an account on indoor air pollution.
 - Briefly describe the causes and effects of eutrophication.
 - Explain the causes and impacts of ocean acidification.
 - Write a short note on sewage-fed fishery.
3. Answer any **two** of the following: $10 \times 2 = 20$
- What is Dobson unit? What are the causes of ozone layer depletion? How it could be minimized? $2+6+2=10$
 - Write the natural sources of arsenic pollution in ground water. Describe various methods for controlling arsenic pollution in drinking water. $4+6=10$
 - What are the objectives of Ganga Action Plan? Justify whether Ganga Action Plan is a success or failure. $5+5=10$
 - What are the health consequences of vehicular air pollutants? Give an account on their remedial measures. $5+5=10$