

**TDC (CBCS) Even Semester Exam., 2022**

**ECOLOGY AND ENVIRONMENTAL SCIENCE**  
( Honours )

( 6th Semester )

Course No. : EESHCC-601T

( **Environmental Pollution and Human Health** )

Full Marks : 50

Pass Marks : 20

*Time : 3 hours*

*The figures in the margin indicate full marks  
for the questions*

**SECTION—A**

Answer any *ten* of the following questions :  $2 \times 10 = 20$

1. What is air quality index?
2. Give two examples of primary pollutants.
3. What is smog?

4. What are hydrocarbons? Give example.
5. What do you mean by water pollution?
6. What is eutrophication?
7. Name two water-borne diseases.
8. What is BOD and COD?
9. What do you mean by soil pollution?
10. How does pesticide act as soil pollutant?
11. What is the permissible ambient noise level in residential area?
12. How does noise pollution affect human health?
13. How does noise pollution affect different life forms?
14. What is radioactive material?
15. Mention the various sources of radioactive pollution.

SECTION—B

Answer any *five* of the following questions :  $6 \times 5 = 30$

16. Describe briefly the various sources of primary and secondary pollutants in the atmosphere. Mention briefly the health effects of VOCs and PM.  $2+2+2=6$
17. Describe briefly the various measures to control air pollution.
18. Write a note on surface water pollution.
19. Discuss how various water contaminants affect human health.
20. What are the various causes of soil pollution? How does soil pollution affect vegetation and other life forms?  $2+4=6$
21. Describe briefly the various strategies to control soil pollution.
22. Mention the various sources of noise pollution. Discuss the various measures by which we can control noise pollution.  $2+4=6$

**23. Discuss briefly the various impacts of noise pollution on different life forms.**

**24. Describe briefly the effect of radiation on human health.**

**25. Mention the various sources of thermal pollution. Describe briefly the effect of thermal pollution in aquatic ecosystem. 2+4=6**

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