

**2021/TDC(CBCS)/EVEN/SEM/
EESHCC-601T/065**

**TDC (CBCS) Even Semester Exam.,
September—2021**

ECOLOGY AND ENVIRONMENTAL SCIENCE

(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 ambient air quality?
2. What is air quality index? Where is it used?
3. Give one effect of CO_2 on human health.
4. What is smog?

(2)

5. Mention one source each for surface and groundwater pollution.
6. What is DO? What does it indicate?
7. Name four waterborne diseases.
8. Name two effects of arsenic on human health.
9. What is soil degradation?
10. Name four soil pollutants.
11. Give one control strategy for soil pollution.
12. Give one effect of soil pollution on vegetation.
13. Name four sources of noise pollution.
14. What is permissible ambient noise level near a hospital?
15. Give two control measures for noise pollution.
16. Give two adverse impacts of noise pollution on human body.
17. Name two sources of radioactive pollution.

(3)

18. What is the full form of CFC and CO?
19. Name one somatic and one genetic effect of radiation on humans.
20. Write the different units of radioactivity.

SECTION—B

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

21. What are the National ambient air quality standards of India? Give examples. $4+2=6$
22. Discuss the effects of nitrogen and sulphur oxides on human health. Add a note on their control measures. $4+2=6$
23. What is eutrophication? Discuss the causes, effects and control of eutrophication. $2+4=6$
24. Discuss the waterborne diseases prevalent in India and their control measures. $4+2=6$
25. Discuss the effects of soil pollution on environment. 6
26. Mention the various strategies to control soil pollution. 6

(4)

- 27.** Discuss the impacts of noise pollution on the physical and mental health of humans. 6
- 28.** Define turbidity. What are the main sources of groundwater pollution? 2+4=6
- 29.** What is thermal pollution? What are its effects? 2+4=6
- 30.** Discuss the various sources of radioactive pollution. 6

★ ★ ★