



**2022/TDC/ODD/SEM/
EESDSC/GE-101T/390**

TDC (CBCS) Odd Semester Exam., 2022

ECOLOGY AND ENVIRONMENTAL SCIENCE

(1st Semester)

Course No. : EESDSC-101T/EESGE-101T

(Ecology and Society)

Full Marks : 50

Pass Marks : 20

Time : 3 hours

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

UNIT—I

1. Define the following (any three) : 1×3=3

(a) Resource depletion

(b) Climate change

(c) Acid rain

(d) Global environment



(2)

2. Answer briefly any *one* of the following questions : 2

- (a) What is the need of environmental awareness?
- (b) Write the scope of ecology and environmental science.

3. (a) Explain the multidisciplinary nature of environmental science. 5

Or

- (b) Write a note on man-environment relationship.

UNIT—II

4. Answer any *three* of the following questions : 1×3=3

- (a) What do you mean by ecological degradation?
- (b) What is global warming?
- (c) What is radioactive fallout?
- (d) What is rehabilitation?

(3)

5. Answer any *one* of the following questions : 2

- (a) Write any two impacts of ecological degradation.
- (b) Write any two scopes or causes of resettlement.

6. (a) What do you mean by development induced displacement? Explain the various effects of development induced displacement. 1+4=5

Or

- (b) What is environmental pollution? Write a brief note on the various causes of air pollution. 2+3=5

UNIT—III

7. What do you mean by the following (any *three*)? 1×3=3

- (a) Urban sprawl
- (b) Road rage
- (c) Urbanization
- (d) Technology



(4)

8. Answer any *one* of the following questions : 2
- (a) How is urbanization a social economic problem?
- (b) Mention the causes of urban sprawl.
9. (a) Write a note on the impact of industry and technology on environment. 5
- Or
- (b) What is traffic congestion? Describe the various causes of traffic congestion. 1+4=5

UNIT—IV

10. Answer briefly any *three* of the following questions : 1×3=3
- (a) What are forest dwellers?
- (b) What is land acquisition?
- (c) What do you mean by forest conservation?
- (d) Who are Adivasis?
11. Answer any *one* of the following questions : 2
- (a) What is the main provision of the Forest (Conservation) Amendment Act, 1988?
- (b) What are the main provisions of the Land Acquisition Act, 2012?

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(Continued)

(5)

12. (a) What is the Forest Dwellers Act, 2008? Explain the various rights included in Section 3(1) of this Act. 1+4=5
- Or
- (b) Write a note on the various restrictions imposed on use of forest land for non-forest purpose in the Forest (Conservation) Act, 1980. 5

UNIT—V

13. Define the following (any *three*) : 1×3=3
- (a) Civil society
- (b) NGO
- (c) Corporate
- (d) Awareness
14. Answer any *one* of the following questions : 2
- (a) What is sustainable development?
- (b) What are the objectives of environmental education?

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(Turn Over)



(6)

15. (a) What do you mean by environmental awareness? Explain the various methods for raising environmental awareness on different sections of the society. 1+4=5

Or

(b) Write a note on Narmada Bachao Andolan. 5
