

**2019/TDC/ODD/SEM/
EESGE/EESDSC-101T/190**

TDC (CBCS) Odd Semester Exam., 2019

ECOLOGY AND ENVIRONMENTAL SCIENCE

(1st Semester)

Course No. : EESGE/EESDSC-101T

(Environment 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) Global warming
 - (b) Depletion of ozone layer
 - (c) Nuclear fallout
 - (d) Smog

(2)

2. (a) How does climate change affect biodiversity? 2
- Or
- (b) What are the causes of acid rain?
3. (a) What is physical environment? State how physical environment influences social life of man. 5
- Or
- (b) What is deforestation? State four causes of deforestation. What are the environmental impacts of deforestation? 1+2+2=5

UNIT—II

4. Define the following (any three) : 1×3=3
- (a) Coliform bacteria
- (b) Sound pollution
- (c) Mining
- (d) Air pollutants
5. (a) Mention four causes of land pollution. 2
- Or
- (b) Mention four causes of water pollution.

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(Continued)

(3)

6. (a) What is ecological degradation? State two causes of ecological degradation. State briefly how ecological degradation is related with loss of biodiversity. 1+2+2=5
- Or
- (b) Write a note on the effects of development induced displacement. 5

UNIT—III

7. Define the following (any three) : 1×3=3
- (a) Urban sprawl
- (b) Urbanization
- (c) Double parking
- (d) Technology
8. (a) Give one example of direct impact of technology on environment. 2
- Or
- (b) Give one example of indirect impact of technology on environment.
9. (a) Describe production and consumption oriented approaches to environmental issues in the global context. 5
- Or
- (b) Write a note on the impact of industry on environment.

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(Turn Over)

(4)

UNIT—IV

10. Define the following (any three) : $1 \times 3 = 3$
- (a) Hydroelectric project
 - (b) Reserved forest
 - (c) Conservation
 - (d) Dereservation of forests

11. (a) Discuss how Central Government can grant approval for the purposes prohibited under the Forest Conservation Act, 1980, 1988. 2

Or

- (b) What are forest rights?

12. (a) Write a note on community forest management. State two views of the opponents of the Forest Dwellers Act. $3+2=5$

Or

- (b) Discuss the restrictions imposed on State Government on use of forestland for non-forest purposes. 5

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(Continued)

(5)

UNIT—V

13. Define the following (any three) : $1 \times 3 = 3$
- (a) Civil society
 - (b) Non-violence
 - (c) Sustainability
 - (d) Community participation

14. (a) State briefly the achievements of the Chipko Movement. 2

Or

- (b) State how message of the Chipko Movement was disseminated in greater areas of foothills of Himalayas.

15. (a) Describe briefly the role played by NGOs in environmental movements. 5

Or

- (b) Discuss individual level initiatives to be taken to ensure sustainable development.

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