

**2021/TDC (CBCS)/EVEN/SEM/
EESHCC-602T/066**

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

ECOLOGY AND ENVIRONMENTAL SCIENCE

(6th Semester)

Course No. : EESHCC-602T

**(Natural Resources Management and
Sustainability)**

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 :

2×10=20

- 1. Name some important forest resources of NE India.**
- 2. Define conservation.**
- 3. Site two strategies of water conservation.**

(2)

4. Mention at least two importances of soil.
5. What are the different kinds of mining?
6. Name a disease associated with coal mine worker.
7. Mention the environmental impact on mining.
8. What is dredging?
9. What do you understand by non-renewable resources?
10. Mention at least two impacts of oil extraction on environment.
11. How is oil formed?
12. Mention some non-renewable energy resources.
13. Define energy efficiency.
14. What is the full form of OTEC?

(3)

15. Define geothermal energy.
16. Name a plant from which biodiesel is extracted.
17. What do you understand by undiscovered resource?
18. Why is management of natural resources important?
19. Name two processes of water harvesting.
20. List a few causes for deforestation.

SECTION—B

Answer any *five* of the following questions :

6×5=30

21. Briefly discuss the economic and ecological importance of forest. 6
22. Write notes on the following : 3+3=6
 - (a) Sustainable forestry
 - (b) Soil resources
23. Discuss in brief the environmental effects of extracting and using mineral resources. 6

- 24.** Briefly discuss : 3+3=6
(a) Rock cycle
(b) Identified resources
- 25.** Write a note on the process of extracting petroleum. What is its ecological significance? 4+2=6
- 26.** Write short notes on the following : 3+3=6
(a) Formation of natural gas
(b) Processing of coal
- 27.** Mention in brief the impact of non-renewable energy consumption on environment. 6
- 28.** Write short notes on the following : 3+3=6
(a) Tidal and wave energy
(b) Energy from biomass
- 29.** Why must we conserve forest? List causes of deforestation. 2+4=6
- 30.** Write a note on Integrated Resources Management. 6
