2019/TDC/EVEN/EESDSC/
EESGEC–201T/056

TDC (CBCS) Even Semester Exam., 2019

ECOLOGY AND ENVIRONMENTAL SCIENCE

(2nd Semester)

Course No. : EESDSC–201T/EESGEC–201T

(Human Wildlife Conflict and Management)

Full Marks : 50
Pass Marks : 20

Time : 3 hours

The figures in the margin indicate full marks for the questions

UNIT—I

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

(a) Define environment.

(b) What is wildlife?

(c) Name one wildlife biologist from North-East India.

(d) Name one wildlife NGO from North-East India.

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

(a) Differentiate between flagship and keystone species.

(b) Differentiate between solitary and social animals in wildlife.

3. *(a)* Discuss the role of government in reducing human-wildlife conflict. 5

Or

(b) What is the Indian philosophy of wildlife management?

UNIT—II

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

(a) Define habitat.

(b) What is a community?

(c) Define a protected area.

(d) Give an example of endemic animal species to North-East India.

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

(a) What is the role of communities in wildlife management?

(b) What is population monitoring of wildlife?

6. Write short note on the following : 5

(a) Bishnoi community

Or

(b) Non-consumptive values of wildlife

UNIT—III

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

(a) What is the full form of IUCN?

(b) Name one wildlife sanctuary in Barak valley.

(c) Name one natural world heritage site in Assam.

(d) Name one aquatic mammal found in the Barak river.

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

(a) Differentiate between core and buffer areas in a protected range.

(b) Differentiate between *in-situ* and *ex-situ* consrvations.

9. Answer any *one* of the following : 5

(a) What is the role of Tiger Task Force in India?

(b) Write a short note on Biosphere Reserve.

UNIT—IV

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

(a) What is the full form of NTFP?

(b) Define shifting cultivation.

(c) Define forest dweller.

(d) Define forest produce.

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

(a) What is habitat fragmentation?

(b) Write about the impact of over-exploitation of forest produce.

12. Answer any *one* of the following : 5

(a) What is the role of social equality in forest conservation?

(b) Write a short note on the Forest Right Act, 2006.

UNIT—V

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

(a) What do you mean by symbiotic relationship?

(b) What is Chipko Movement?

(c) Define ecotourism.

(d) What are community conserved areas?

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

(a) What is the importance of traditional knowledge of tribal people in forest conservation?

(b) What is the role of wildlife corridor in wildlife conservation?

15. Write short note on any *one* of the following : 5

(a) Sacred groves

(b) Community participation in forest management

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