

U.G. 2nd Semester Examination - 2020**ENVIRONMENTAL SCIENCE****[GENERIC ELECTIVE]****Course Code : ENVS-H-GE-L-02****(Wildlife Management)**

Full Marks : 40

Time : 2½ Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Answer any **five** of the following: $2 \times 5 = 10$
 - a) What is wildlife?
 - b) Define habitat fragmentation.
 - c) Define prey. Give example.
 - d) What do you mean by core and buffer area of a forest?
 - e) What is the necessity of wildlife conservation?
 - f) Define wildlife corridor with example.
 - g) What are natural world heritage sites? Give examples.
2. Answer any **two** of the following: $5 \times 2 = 10$
 - a) Who are intruders - human or animal? Explain.
 - b) Write a short note on human and elephant conflicts with reference to Kerala.

[Turn over]

- c) State the importance of Forest Rights Act (2006) on the livelihood security of traditional forest dwellers.
- d) Explain briefly the role of community participation in the wildlife conservation.
3. Answer any **two** of the following: $10 \times 2 = 20$
 - a) Define deep and shallow ecology. Explain the roles of the government, wildlife biologists and social scientists in wildlife conservation and management. $4 + 6 = 10$
 - b) Emphasize the significance of law and legislation in the management of wildlife in India. Differentiate among wildlife sanctuaries, national park and biosphere reserve with examples. $5 + 5 = 10$
 - c) What do you mean by community reserve? State the role of Bishnoi community as conservator of nature. Explain the significance of indigenous culture and tradition in forest and wildlife management. $2 + 3 + 5 = 10$
 - d) Define encroachment. How encroachment is enhancing human-animal conflict? State the significance of forest produce to tribal population. $2 + 3 + 5 = 10$