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NEPNY—92—2023

FACULTY OF SCIENCE AND TECHNOLOGY

M.Sc. (NEP) (First Year) (First Semester) EXAMINATION

NOVEMBER/DECEMBER, 2023

ZOOLOGY

Paper-SZOOE-401

(Conservation Biology)

(Thursday, 28-12-2023)

Time : 10.00 a.m. to 12.30 p.m.

Time—2½ Hours

Maximum Marks—60

N.B. :- (i) Question No. 1 is compulsory.

(ii) Out of remaining 5 questions (Q. No. 2 to Q. No. 6), answer any 3 questions.

(iii) All questions carry equal marks.

(iv) Illustrate your answers with suitable labelled diagrams, wherever necessary.

1. Answer any *three* of the following :

15

(a) Values of biodiversity.

(b) Exotic and invasive species.

(c) Causes of wildlife depletion

(d) Remote sensing.

P.T.O.

2. (a) Give an account of components of biodiversity. 8
- (b) Give an account of any *two* biodiversity hotspots in India. 7
3. (a) Give an account of technique used in Conservation of Biodiversity. 8
- (b) Give an account of IUCN Red list categories. 7
4. (a) Give an account of Biosphere Reserves in India. 8
- (b) Discuss in detail economic and other benefits of wildlife. 7
5. (a) Give an account of Wildlife Protection Act of India 1972. 8
- (b) Describe in detail present status of wildlife in India. 7
6. Answer any *three* of the following : 15
- (a) Biodiversity at global level
- (b) Endangered species.
- (c) Sanctuaries
- (d) World wildlife fund.