

B.Sc. Semester - 5 (Remedial) (NEP-2020) Examination**March/April-2026****ZOO: Environmental Science, Wildlife Population Sampling and Biostatistics (Theory)
(Minor-4)****Time: 2:00 Hours****Marks:50****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que.1 Answer the following questions. (10)
- (1) What are renewable resources? Explain with any two examples.
 - (2) Discuss the environmental impacts of overexploitation of natural resources.
- OR
- Que.1 Answer the following questions.
- (1) Write note on mineral resources.
 - (2) What are non-renewable resources? Explain with any two examples.
- Que.2 Answer the following questions. (10)
- (1) Write note on Air pollution.
 - (2) Write note on Acid Rain.
- OR
- Que.2 Answer the following questions.
- (1) Write note on water pollution.
 - (2) Write note on Green house effect.
- Que.3 Answer the following questions. (10)
- (1) Write notes on the invertebrate capture techniques: (a) Suction sampling
(b) Sweep netting.
 - (2) Explain in detail capturing and sampling of Amphibians.
- OR
- Que.3 Answer the following questions.
- (1) Write notes on the invertebrate capture techniques: (a) Light trap
(b) Flight intercept technique.
 - (2) Explain in detail capturing and sampling of reptilians.
- Que.4 Answer the following questions. (10)
- (1) Write a note on types of qualitative and quantitative variables in details.
 - (2) Describe measures of variability.
- OR
- Que.4 Answer the following questions.
- (1) Explain data classification and tabulation process in details.
 - (2) Write a note on the central tendency.
- Que.5 Answer the following questions. (10)
- (1) Explain the role of an individual in conservation of natural resources.
 - (2) Write note on Global warming.
- OR
- Que.5 Answer the following questions.
- (1) Write a detailed account of sampling and counting of bird population.
 - (2) Describe different graphical methods for data visualization.
