

M.Sc. (Zoology) Semester - 3 (CBCS) Examination
OCT/NOV-2024 (AS PER SYLLABUS YEAR JUNE-2024)

Wildlife, Applied Ecology & Conservation Biology and Research Methodology
(Ele-1 (New-23))

Time: 2:30 Hours

Marks: 70

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate marks.
3. Draw neat and labeled diagram wherever needed.

Que-1 Answer any seven out of ten. (14)

- 1.1. List out a few national funding agencies.
- 1.2. What is poaching?
- 1.3. Describe concept of line transect & point count.
- 1.4. Which are some legislations for protection of animals?
- 1.5. Explain genetic drift.
- 1.6. Write about trades of animals.
- 1.7. Comment a few key points on “project tiger”.
- 1.8. What are biosensors?
- 1.9. Write about research scheme.
- 1.10. Write about plagiarism.

Que-2 Answer any two out of three. (14)

- 2.1. Explain review writing with taking examples from dissertation theme.
- 2.2. Describe Mentoring and Use of computer in research.
- 2.3. Write a research proposal.

Que-3 Answer any two out of three. (14)

- 3.1. Describe differences in between national park & sanctuaries.
- 3.2. Write a short note on some successful “projects” as wildlife management lessons.
- 3.3. Write about causes of wildlife depletion.

Que-4 Answer any two out of three. (14)

- 4.1. Write about biodiversity: status, monitoring and documentation.
- 4.2. Write short note on: Major drivers of biodiversity change.
- 4.3. Make a note on conservation biology.

Que-5 Answer any two out of three. (14)

- 5.1. Describe methods in field biology.
- 5.2. Explain adaptive radiation and modifications with suitable examples.
- 5.3. Write about marine ecology with examples.
