

1M4M21563

(Pages : 2)

Reg. No:.....

Name: .....

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Fourth Semester M.Sc Degree Examination, March/April 2021

MZL4E02(5) – Wild life Biology II – Wildlife Conservation

(2019 Admission onwards)

Time: 3 hours

Max. Weightage : 30

**I. Answer eight of the following questions.(Weightage-1)**

1. What is wildlife corridor? Comment on its role.
2. Write notes on sustainable development.
3. What is ecotourism? Explain with reference to Kerala.
4. Comment on TRAFFIC.
5. Differentiate In situ and Ex situ conservation.
6. Explain exotic species with suitable examples.
7. What is a biosphere reserve? Explain with suitable examples.
8. Write short note on marine national parks of India.
9. Briefly explain NRCP.
10. Give an account on Indian forest act.
11. What is a wildlife sanctuary? Give suitable examples.
12. What is sacred grove? Mention its significance.

(8x1=8 weightage)

**II. Answer any four of the following questions. (Weightage-3)**

13. Comment on social forestry.
14. Give an account on fragmentation and isolation of habitats.
15. Briefly explain the wildlife protection act.
16. Describe the values of wildlife.
17. Write notes on the importance of tribal groups in Kerala.
18. Explain crocodile breeding project.
19. Comment on man-animal conflict and its impact on wildlife.

(4x3=12 weightage)

III. Answer any two of the following questions. (Weightage-5)

20. Write an essay on the role of Government and voluntary organizations in wildlife conservation.
21. Describe the causes and consequences of deforestation.
22. Explain IUCN criteria. Mention the problems in the application of criteria in the wild.
23. Briefly explain the following:
  - a) Stable limit cycle
  - b) Compression hypothesis
  - c) Minimum viable population
  - d) Inbreeding depression
  - e) Genetic viability

(2x5=10 weightage)

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Fourth Semester M.Sc Degree Examination, March/April 2021

MZL4E03(5) – Wild life Biology III – Wildlife Management

(2019 Admission onwards)

Time: 3 hours

Max. Weightage : 30

**I. Answer any eight of the following: - (Weightage – 1)**

1. Write down the policies and laws in wildlife management.
2. What are Ramsar sites? Mention Ramsar sites in India.
3. Explain Habitat Suitability Index(HSI).
4. What are safari parks? Mention demerits of this concept.
5. Write notes on importance of radiotelemetry in wildlife studies.
6. Briefly explain four capturing techniques in wildlife.
7. Captive breeding.
8. Write notes on Zoonosis.
9. Give an account on fire control and suppression procedures in India.
10. Moonlit Zoo
11. Pheasants of Himachal Pradesh.
12. Transect count.

(8 x 1 =8 weightage)

**II. Answer any four of the following:-**

13. Explain the Impacts of pollution on forest and wildlife.
14. Determination of Age and sex in animals and birds.
15. Pedigree analysis and karyotyping techniques in Wild life management.
16. Waterfowl management.
17. Capturing and Marking Techniques in Wild life population estimation.
18. Basic consideration, layout and functions of modern Zoo.
19. Foraging behavior and optimal foraging theory.

(4 x 3 = 12 Weightage)

**III. Answer any two questions.**

20. Write an essay on health care and Disease management of wildlife.
21. Discuss various modern methods of wildlife study.
22. Wetland management and impact of pollution on wetland birds.
23. Qualitative and quantitative methods of food habit analysis.

(2 x 5 = 10)