

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

SIXTH SEMESTER – APRIL 2022

UAZ 6503 – WILDLIFE BIOLOGY

Date: 17-06-2022

Dept. No.

Max. : 100 Marks

Time: 01:00 PM - 04:00 PM

PART - A

Answer ALL the questions (10x2=20)

1. Expand and define ESA.
2. Define biodiversity.
3. List the use of PVA model.
4. Define demographic Stochasticity.
5. Expand UNESCO, CITES and IUCN.
6. What is the aim of national forest policy?
7. Interpret the reasons for the depletion of wildlife.
8. What is a wildlife sanctuary?
9. List the threats to Great Indian Bustard.
10. Differentiate endangered and extinct species.

PART – B

Answer any FOUR Questions (4x10=40)

11. Point out the regional and national approaches for biodiversity conservation.
12. Explain about genetic Stochasticity.
13. Specify the importance of Ramsar convention in India.
14. Differentiate *in situ* and *ex situ* conservation of wildlife.
15. Discuss about olive ridley turtle.
16. Write an account on national reserves.

PART – C

Answer any TWO Questions (2x20=40)

17. Elaborate PVA models and its recovering strategies.
18. Discuss in detail the national and international organisations for conserving marine life.
19. Summarise the adaptations of animals in tropical forest.
20. Write about wildlife trade and its related legislations by the Government of India.

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