QP Code: D153541	Total Pages: 1	Name:
		Register No.

FIFTH SEMESTER (CUFYUGP) DEGREE EXAMINATION, NOVEMBER 2026

BOTANY

BOT5EJ301(1) CONSERVATION BIOLOGY

2024 Admission onwards

Maximum Time :2 Hours **Maximum Marks :70**

Section A

All Questions can be answered. Each Question carries 3 marks (Ceiling : 24 Marks)

1	Define conservation biology.
2	What is the Red Data Book?
3	What is a biodiversity hotspot?
4	Define Genetic diversity.
5	Define ecological restoration.
6	What is the conservation policies of biodiversity?
7	What is meant by climate change adaptation for endangered species?
8	Define the term "species reintroduction" in conservation biology and state its main purpose.
9	Mention two major anthropogenic threats to coral reef ecosystems.
10	What are "ecosystem services"? Give two examples.

Section B

All Questions can be answered. Each Question carries 6 marks (Ceiling : 36 Marks)

11	Elaborate on the scope and importance of Conservation Biology.
12	Compare habitat loss and invasive species act as biodiversity loss.
13	What are the objectives and major challenges associated with Captive Breeding Programs in Ex-situ conservation.
14	Elaborate on the ecological challenges faced in the management of marine reserves.
15	What are the steps involved in initiating a habitat restoration for a ecosystem?
16	Explain how agroforestry into traditional agricultural landscapes promotes biodiversity conservation.
17	Discuss the ecological significance of coral reefs and wetlands ecosystems,
18	Enumerate the process of invasive species management.

Section C

Answer any ONE .Each Question carries 10 marks (1x10=10 Marks)

19	Write an essay on Conservation Economics in biodiversity.
20	Elaborate the Patterns of biodiversity in Species richness, endemism and hotspots.