Roll No: | | | | | | | | | | | |

PRESIDENCY UNIVERSITY

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Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
Approved by AICTE, New Delhi | Approved By BCI
Bengaluru

Mid Term Examinations - October 2026

Date: 08/10/2026 **Time:** 09:30 AM - 11:00 AM

Course Code: LAW4077 **Course Name:** Bio - Diversity Protection

Semester: Sevenht Semester **Max. Marks:** 50 **Weightage:** 50%

CO - Levels	CO1	CO2	CO3	CO4
Marks	10	40	20	20

PART A: Answer Following Questions. 10 M

Q.N.	Questions	M	CO	BT
1	What are the three levels of biological diversity? Give one example of each.	2	CO1	BT1
2	Define “sustainable use” under the Biological Diversity Act, 2002.	2	CO1	BT1
3	What is the National Biodiversity Authority? State any two of its functions.	2	CO1	BT1
4	What is a Biodiversity Heritage Site under the Biological Diversity Act, 2002?	2	CO1	BT1
5	What is the Nagoya Protocol? When was it adopted and when did it come into force?	2	CO1	BT1

PART B : Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
6	Explain in-situ and ex-situ conservation of biodiversity, and the legal provisions supporting each in international and Indian law. An endemic frog species found only in a small area of the Western Ghats is reduced to about 200 individuals, and its habitat is now cut into two fragments by a highway. Explain what conservation strategy should be adopted and why.	10	CO2	BT2
7	Explain how biodiversity conservation is reflected in the principle of sustainable development. A four-lane highway is proposed through a national park, on the ground that it will cut travel time between two cities by an hour. Explain how the principle of sustainable development and related legal principles would apply to the proposal.	10	CO2	BT2

PART C: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
8	Explain the mechanisms by which climate change affects biodiversity, and the role of biodiversity in responding to climate change. In a high-altitude region, the treeline has moved upward over three decades and alpine meadow species are disappearing; in the nearby coastal waters, repeated coral bleaching has been recorded. Explain these changes and suggest measures.	10	CO2	BT2
9	Explain how the value of ecosystem services can be recognised in decision-making, including through payment for ecosystem services. A forested catchment conserved by an upstream village supplies clean water to a downstream city, which spends nothing on the catchment while the village bears the cost of protecting it. Suggest how this situation may be addressed.	10	CO2	BT2

PART D: Answer Any 1 Following Questions. 10 M

PTO (Please Turn Over)

Q.N.	Questions	M	CO	BT
10	A foreign university proposes a purely academic, non-commercial study of soil micro-organisms in the Western Ghats, in collaboration with an Indian university. Its researchers wish to collect soil samples, isolate microbial strains, take part of the material and the research results to their laboratory abroad, and deposit the strains in a foreign culture collection. Applying the Biological Diversity Act, 2002 and the Nagoya Protocol, explain what permissions are required and on what conditions.	10	CO3	BT3
11	An Indian seed company collects a traditional rice landrace conserved for generations by farmers in a village, uses it in breeding, and develops a new high-yielding variety. It now wishes to protect the new variety and also to file a patent on a gene sequence isolated from the landrace. It has not approached the farmers or any authority. Applying the Biological Diversity Act, 2002 and related law, advise the company and the farming community.	10	CO3	BT3

PART E: Answer Any 1 Following Questions. 10 M				
Q.N.	**Questions**	**M**	**CO**	**BT**
12	Analyse the Access and Benefit Sharing regime established by the Convention on Biological Diversity and the Nagoya Protocol, and examine how effectively India’s law transfers benefits to local and indigenous communities.	10	CO4	BT4
13	“Traditional knowledge is protected in India through a combination of defensive and positive measures, but the framework remains incomplete.” Analyse this statement with reference to Article 8(j) of the Convention on Biological Diversity and the measures available under Indian law.	10	CO4	BT4