


**NAVRACHANA
UNIVERSITY**
a UGC recognized University

School: School of Science
Program/s: M.Sc Life Science
Year: 2nd **Semester:** 3rd
Examination: End Semester Examination
Examination year: December-2021

Course Code: LS-216 **Course Name:** Conservation Biology and Wildlife Management - II
Date: 07/12/2021 **Total Marks:** 40
Time: 08:30 am to 10:30 am **Total Pages:** 04

Instructions:

- There are total 4 questions in the paper.
- Read the questions carefully before answering and justify according to the marks allotted.
- Draw diagrams wherever necessary.

Q. No.	Details	Marks	COs*	BTL#
Q.1	Very short answer type questions <ol style="list-style-type: none"> It is difficult to predict the exact amount of carbon in the atmosphere. Explain why? Carbon sequestration can occur with the effort of _____. Write a role of IPCC. Paleoclimatology is the study of _____ climates, prior to the availability of instrumental records. Short-term cooling is the phenomena because of volcano eruption. True/False. 	5	CO1	BTL1, BTL2, BTL3
Q.2	Short answer type questions <ol style="list-style-type: none"> Polar regions act as the major sink for the carbon sequestration. Explain. What is National Solar mission by govt. of India? Full form of IPCC and UNFCCC. Describe two measures to record the paleoclimate. Sea-level rise can be a dreaded consequence for the animals. Explain with an example. 	10	CO1	BTL1, BTL2, BTL3
Q.3	Long answer type questions <ol style="list-style-type: none"> Explain with the help examples, the effect of climate change on animal migration and breeding. Does eco-toxicity lead to ocean acidification? Explain. Explain the oceanic conveyer-belt. Explain different types of carbon-sequestration methods. It is said that variations in the global temperature is not very significant in the past as compared to today's condition. What is your opinion. 	15	CO1, CO2	BTL1, BTL2
Q.4	Very long answer type questions <ol style="list-style-type: none"> Explain how, 'National Mission for Sustainable Agriculture', can help mitigate the effect of climate change. As a student of conservation biology, help explain your role in curbing the climate change and animal survival. 	10	CO1	BTL1, BTL2, BTL3

*****End of Question Paper*****