NAVRACHANA UNIVERSITY
a UGC recognized University

School:	School of Science
Program/s:	MSC LS
Year: 2nd	**Semester:** 3rd
Examination:	End Semester Examination
Examination year:	December 2022

Course Code:	LS216	**Course Name:**	Conservation biology & wildlife management II
Date:	07/12/2022		
		Total Marks:	40
Time:	11:30 am to 1:30 Pm	**Total Pages:**	1

Instructions:

➜ *Write each answer on a new page.*
➜ *Use of a calculator is permitted/not permitted.*
➜ * *COs=Course Outcome mapping. # BTL=Bloom's Taxonomy Level mapping*

Q. No.	Details	Marks	COs*	BTL#
Q.1	**Q.1. Define the following terms (Any 5)** **(2*5=10 marks)** 1) Home Range 2) Ethogram 3) Kinesis 4) Niche 5) Buffer zones 6) Wildlife corridors	10	CO1, CO2, CO3	BT1, BT2
Q.2	**Q.2. Briefly explain:** **(3*3=9 marks)** 1. Briefly explain kinematic diagram with the help of an example. 2. What are techniques used for wildlife management? 3. What do you understand by associative learning? Explain with the help of an example. Or 4. What is optimal foraging theory?	9	CO1, CO2, CO3	BT1, BT2
Q3.	**Answer the following questions in detail (any 4)** **(4*4=16 Marks)** 1. What are community conserved areas (CCA). Mention the criterias used to address an area as community conserved area.	16	CO1, CO2,	BT1, BT2

	2. Describe ecological niches and its types. State the importance of ecological niches. 3. What is a territory? Discuss the territorial behavior of animals and the various ways they use to defend their territory. 4. Discuss the effect of habitat selection on population viability. 5. Discuss the factors influencing human wildlife conflict.		CO3, CO4	
Q4.	Discuss in detail the methods used to sample animal behavior **(5*1=5 Marks)** **OR** Discuss the observational, casual and functional explaination of reproductive behviours in lions.	5	CO2	BT1

<div align="center">************End of Question Paper************</div>