

(AUTONOMOUS)
MSc DEGREE EXAMINATION MAY 2026

(Fourth Semester)

Branch - ZOOLOGY

ANIMAL BEHAVIOUR

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	Who is considered the "father of ethology"? a) Charles Darwin b) Karl von Frisch c) Konrad Lorenz d) Nikolaas Tinbergen	K1	CO1
	2	What is imprinting behavior? a) Temporary, reversible animal learning b) Permanent learning during development c) Learning by repeated practice d) Observational and adaptive learning	K2	CO1
2	3	Which hormone plays a role in pheromone signaling? a) Testosterone b) Estrogen c) Progesterone d) Oxytocin	K1	CO2
	4	Which animal uses ambush tactics for hunting? a) Cheetah b) Elephant c) Zebra d) Crocodile	K2	CO2
3	5	Which hormone controls circadian rhythms in animals? a) Melatonin b) Cortisol c) Estrogen d) Insulin	K1	CO3
	6	How do birds use alarm calls? a) To attract mates b) To warn others about predators c) To establish dominance d) To locate food sources	K2	CO3
4	7	Which type of sexual selection involves competition between males for access to females? a) Intersexual selection b) Natural selection c) Kin selection d) Intrasexual selection	K1	CO4
	8	Which type of parasite is commonly found in the intestines of mammals? a) Ectoparasites b) Endoparasites c) Mutualists d) Symbionts	K2	CO4
5	9	Which of the following is a form of interspecific competition? a) Two lions fighting for food b) Two wolves hunting in the same pack c) Two species of birds competing for the same tree d) A pack of wolves and a pack of hyenas hunting together	K1	CO5
	10	Which of the following species benefits from mutualism? a) A lion and a zebra b) A remora fish and a shark c) A hawk and a snake d) A rabbit and a wolf	K2	CO5

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Summarize the origin of ethology.	K2	CO1
		(OR)		
	11.b.	Explain the types of reflexes and their function.		
2	12.a.	Identify the mechanism of sound perception in animal behaviour.	K3	CO2
		(OR)		
	12.b.	Identify the predator detection of vulture.		
3	13.a.	Classify the circadian rhythm with an example.	K4	CO3
		(OR)		
	13.b.	List out the foraging strategies of ants.		
4	14.a.	Explain the role of sexual selection in animal behavior.	K5	CO4
		(OR)		
	14.b.	Assess the polyandry birds and give an example.		
5	15.a.	Conclude the physical aggression of animal behavior.	K5	CO5
		(OR)		
	15.b.	Determine the parasitism species interaction with an example.		

SECTION -C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Explain the fixed action pattern and ritualization of animal behavior.	K2	CO1
2	17	Discuss methods of studying animal behaviour.	K5	CO2
3	18	Survey the play behavior of birds with suitable examples.	K6	CO3
4	19	Explain the parental care of placental mammals.	K5	CO4
5	20	Discuss the social behaviours of the Elephant.	K6	CO5

Z-Z-Z END