

QP Code: D 123607		Total Pages: 1	Name:
			Register No.
SECOND SEMESTER (CUFYUGP) DEGREE EXAMINATION, APRIL 2025			
ZOOLOGY			
ZOO2FM106(3) : BIOLOGY FOR COMPETITIVE EXAMS			
2024 Admission onwards			
Maximum Time: 1.5 Hours			Maximum Marks: 50
Section A			
All Questions can be answered. Each Question carries 2 marks (Ceiling: 16 Marks)			
1	What are the functions of endoplasmic reticulum?		
2	Write a note on sex mosaics.		
3	Comment on the Geological Time Scale		
4	What is Red Data Book?		
5	Compare gaseous and sedimentary cycles, providing examples.		
6	Compare neural and chemical control in the human body.		
7	What is the Ornithine cycle and where does it take place?		
8	What anatomical features of the intestine contribute to the absorption process?		
9	Compare pandemic and epidemic diseases, providing examples.		
10	Name two sexually transmitted diseases in humans.		
Section B			
All Questions can be answered. Each Question carries 6 marks (Ceiling: 24 Marks)			
11	Elaborate on the structural components of the plasma membrane.		
12	Briefly explain the different phases of meiosis.		
13	Discuss the different types of population interactions within a community.		
14	Describe the pancreas and its role as an endocrine gland.		
15	Write the causative organism, symptoms and transmission of three bacterial diseases in humans.		
Section C			
Answer any ONE. Each Question carries 10 marks (1x10=10 Marks)			
16	Discuss the flow of energy in ecosystems and its connection to the laws of thermodynamics.		
17	What are joints? Explain the different types of joints in the human body.		