

QP Code: D142421		Total Pages: 1	Name:
			Register No.
SECOND SEMESTER (CUFYUGP) DEGREE EXAMINATION, APRIL 2026			
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 Golgi bodies?		
2	Describe the components of the cytoskeleton.		
3	Comment on punctuated equilibrium.		
4	What is meant by a biome?		
5	Define threatened species.		
6	List the hormones produced by the pituitary gland.		
7	What are the functions of blood in the human body?		
8	Write the physiological functions of the kidneys in the human body.		
9	What are epidemic diseases? Provide an example.		
10	List the factors that affect health.		
Section B			
All Questions can be answered. Each Question carries 6 marks (Ceiling: 24 Marks)			
11	Who discovered the lysosomes and what are their functions?		
12	Briefly explain the different phases of mitosis.		
13	Describe three positive interactions in a community, providing examples of each.		
14	Explain the digestion and absorption of fats.		
15	Discuss the causes, prevention and treatment of two sexually transmitted diseases.		
Section C			
Answer any ONE. Each Question carries 10 marks (1x10=10 Marks)			
16	Explain the <i>in-situ</i> and <i>ex-situ</i> conservation strategies for biodiversity, providing two examples of each.		
17	Give an account on the digestion of carbohydrates and proteins in humans.		