

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2024
(Second Semester)

Branch - **ZOOLOGY**

CHORDATA / ANIMAL DIVERSITY - II

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	Which of the following is not considered to be a living protochordate? a) Cephalochordates b) Hemichordates c) Pikaia d) Urochordates	K1	CO1
	2	Show the _____ symmetry found in Chordata. a) Monolateral b) Bilateral c) Trilateral d) All the above	K2	CO2
2	3	What fish are called dogfish? a) Shark b) Trygon c) Pristis d) All the above	K1	CO1
	4	Show the number of chambers found in the heart of fish. a) 2 b) 3 c) 4 d) 5	K2	CO2
3	5	Which order of animals possess a tail during their larval stages? a) Anura b) Apoda c) Urodela d) None of them	K1	CO1
	6	The texture of amphibian skin is related to _____. a) Dry b) Scaly c) Moist d) Chitinous	K2	CO2
4	7	What is the study of reptiles called? a) Mammalogy b) Ichthyology c) Herpetology d) Ornithology	K1	CO1
	8	Show the poisonous snake found in the southern part of India) a) Python b) Krait c) Viper d) King cobra	K2	CO2
5	9	How many air sacs are present in a pigeon? a) 9 b) 10 c) 11 d) 12	K1	CO1
	10	The pleural cavity is related to _____. a) Kidney b) Lungs c) Stomach d) all the above	K2	CO2

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.	Classify the Phylum Chordata.	K4	CO4
	(OR)			
	11.b.	Examine the external morphology of <i>Amphioxus</i> .		
2	12.a.	Categorize the major Indian carp species.	K4	CO4
	(OR)			
	12.b.	Examine the male urinogenital system of shark.		
3	13.a.	Classify the Amphibia up to order level.	K4	CO4
	(OR)			
	13.b.	Examine the respiratory system of frog.		
4	14.a.	List out the general characters of reptiles.	K4	CO4
	(OR)			
	14.b.	List out the first aid for snake bite.		
5	15.a.	Explain the flight muscles of pigeon.	K5	CO5
	(OR)			
	15.b.	Explain the arterial system of rabbit.		

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 retrogressive metamorphosis in Ascidian.	K5	CO5
2	17	List out the parental care in fishes.	K4	CO4
3	18	Explain the digestive system of <i>Rana tigrina</i> .	K5	CO5
4	19	Justify the biological status of Sphenodon.	K5	CO5
5	20	Explain the migration in birds.	K5	CO5

Z-Z-Z

END