

U.G.4th Semester Class Test 2023
ZOOLOGY
Raghunathpur College
Course Code: BZOOCCHC 401
Course Title: Comparative Anatomy of Vertebrates

Full Marks 20

Time 1 hour

The figures in the right hand side margin indicate marks. Candidates are required to give their answers in their own words as far as practicable.

1. Answer any five

1X 5 = 5

- a) Mention the function of uropygial gland.
- b) What do you mean by Antlers
- c) Which protein waterproof the hair?
- d) How many aortic arches present in teleosts
- e) What is proventriculus?
- f) In which animal ductus caroticus and ductus arteriosus both are present?
- g) What is diastema?

2. Answer any five questions

2 X 5 =10

- a) Distinguish between horn and antler.
- b) What is the function of remiges and rectrices?
- c) Which mammals have scales and beak?
- d) Differentiate between Foramen of panizza and Foramen ovale.
- e) Differentiate between systemic and portal circulation.
- f) Where do you find acrodont and homodont type of dentition?
- g) Name the glands found in human stomach.

3. **Answer any one question**

5 X 1= 5

a) Briefly describe the microscopic structure of a mammalian hair with associated glands.

3+2

b) Distinguish between the structures of heart of Reptiles and Birds 2.5+2.5

c) Describe ruminant stomach with suitable diagram 3+2