

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2017
(Second Semester)

Branch-ZOOLOGY

ANIMAL DIVERSITY -II

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10 x 2 = 20)

- 1 Give a salient features of the phylum Hemichordata.
- 2 Define Notochord.
- 3 Write about the respiratory organs in frog.
- 4 What is flying frog?
- 5 How many chambers do the heart of crocodiles have?
- 6 Give two examples of poisonous snake.
- 7 Give two general characters of class Reptilia.
- 8 Define palaeontology.
- 9 Describe about the class to which penguins belong.
- 10 What is digitigrade in mammalian locomotion?

SECTION - B (25 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5 x 5 = 25)

- 11 a Give the outline classification of Chordata.
OR
b List out the general characters of Prochordata.
- 12 a Write a brief account on Tilapia.
OR
b Note on the accessory respiratory organs in Fishes.
- 13 a Describe the salient features of class Amphibia.
OR
b Give short notes on the parental care in Amphibia.
- 14 a Give an account on the morphology of Calotes.
OR
b List out the subclass and order under the class Reptilia with examples.
- 15 a List out the general characters of class Mammalian.
OR
b Give a brief account on Flightless birds.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Explain in detail about the morphology and organ system of Amphioxus.
- 17 Give a detailed classification of super class Pisces.
- 18 Write in detail about the morphology and organ system of Frog.
- 19 Elaborate the general characters of class Reptilia.
- 20 Give a type study of Columbia livia.