

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2018
(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 (10x2 = 20)

Answer in one or two sentences:

- 1 Hatschek's Pit.
- 2 Endostyle.
- 3 Elasmobranchii.
- 4 Placoderms.
- 5 Apoda.
- 6 Green frog.
- 7 Herpetology.
- 8 Uricotelic animal.
- 9 Fang.
- 10 Kiwi bird.

SECTION - B (25 Marks)

Answer ALL Questions

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

- 11 a List out the salient features of Amphioxus.
OR
b Write a short note on retrogressive metamorphosis in Ascidian.
- 12 a Discuss the affinities of dipnoi.
OR
b Explain shortly about *Catla catla*.
- 13 a Give a short note on pulmonary respiration of frog.
OR
b Describe about the digestive glands of frog.
- 14 a List out the general characters of Reptilia.
OR
b Comment on Spendon as a living fossil..
- 15 a Summarize the general characters of Mammalia.
OR
b Explain about the reproductive system of male rabbit.

SECTION-C (30 Marks!)

Answer any THREE Questions

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

- 16 Give an account on ciliary mode of feeding of Amphioxus with neat illustration.
- 17 Write an account on types of accessory respiratory organs in Pisces.
- 18 Write an essay on parental care in Amphibia.
- 19 How do you differentiate the poisonous and non-poisonous snake? Explain i