

D 73304

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.A./B.Sc. DEGREE EXAMINATION
NOVEMBER 2019**

(CBCSS—UG)

Zoology

ZOL 1C 01—ANIMAL DIVERSITY AND WILDLIFE CONSERVATION

(2019 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A

I. Short answer questions. Each question carries 2 marks.

- 1 Mention the fundamental characters of Kingdom Protista.
- 2 Write briefly on the medical importance of *Plasmodium*.
- 3 Distinguish between polyp and medusa.
- 4 Write a brief note on *Sepia*.
- 5 Mention the adaptations of *Hirudinaria*.
- 6 Distinguish between Chondrichthyes and Osteichthyes.
- 7 Write a note on the larva of *Petromyzon*.
- 8 Write briefly on limbless amphibians.
- 9 What is WWF ?
- 10 What is a Protected Area ? Mention two types of Protected Areas.
- 11 What do you mean by genetic diversity ? Give two examples.
- 12 What is an invasive species ? Mention two examples.

(Ceiling : 20 marks)

Section B

II. Paragraph questions. Each question carries 5 marks.

- 13 Explain the significance and uses of bio-diversity.
- 14 Describe the fundamental characters of the phylum Chordata.
- 15 Write a note on the poisonous snakes you have studied.
- 16 Explain why *Ascidia* is considered as a urochordate.

Turn over

- 17 Enlist the salient features of the phylum Arthropoda.
- 18 Classify the phylum Annelida down to classes giving salient features and one example for each class.
- 19 Write an account on two human helminth parasites you have studied.

(Ceiling : 30 marks)

Section C

III. Essay questions. Answer any *one* question. The question carries 10 marks.

- 20 With labeled diagrams explain the structure and functions of the thoracic and abdominal appendages of *Penaeus*.
- 21 With a labeled sketch explain the digestive system of *Oryctolagus*.

(1 × 10 = 10 marks)