

2025

M.Sc. 1st Semester Examination

ZOOLOGY

Paper : ZOOC401X8

(Functional Anatomy and Physiological Process)

[Practical]

Instructions to the Examiners

1. The specimen should be provided as per PG(NEP) syllabus.
2. Any four animals are to be selected from the following list :
 - (i) Kiwi
 - (ii) Gibbon
 - (iii) Giraffe
 - (iv) Polar Bear
 - (v) Kangaroo
 - (vi) Black Mamba
 - (vii) Jaguar

(NB: World Map to be provided by the department.)

P.T.O.

(2)

3. Students may measure the Breath holding time (2 conditions) of the partner.

Or

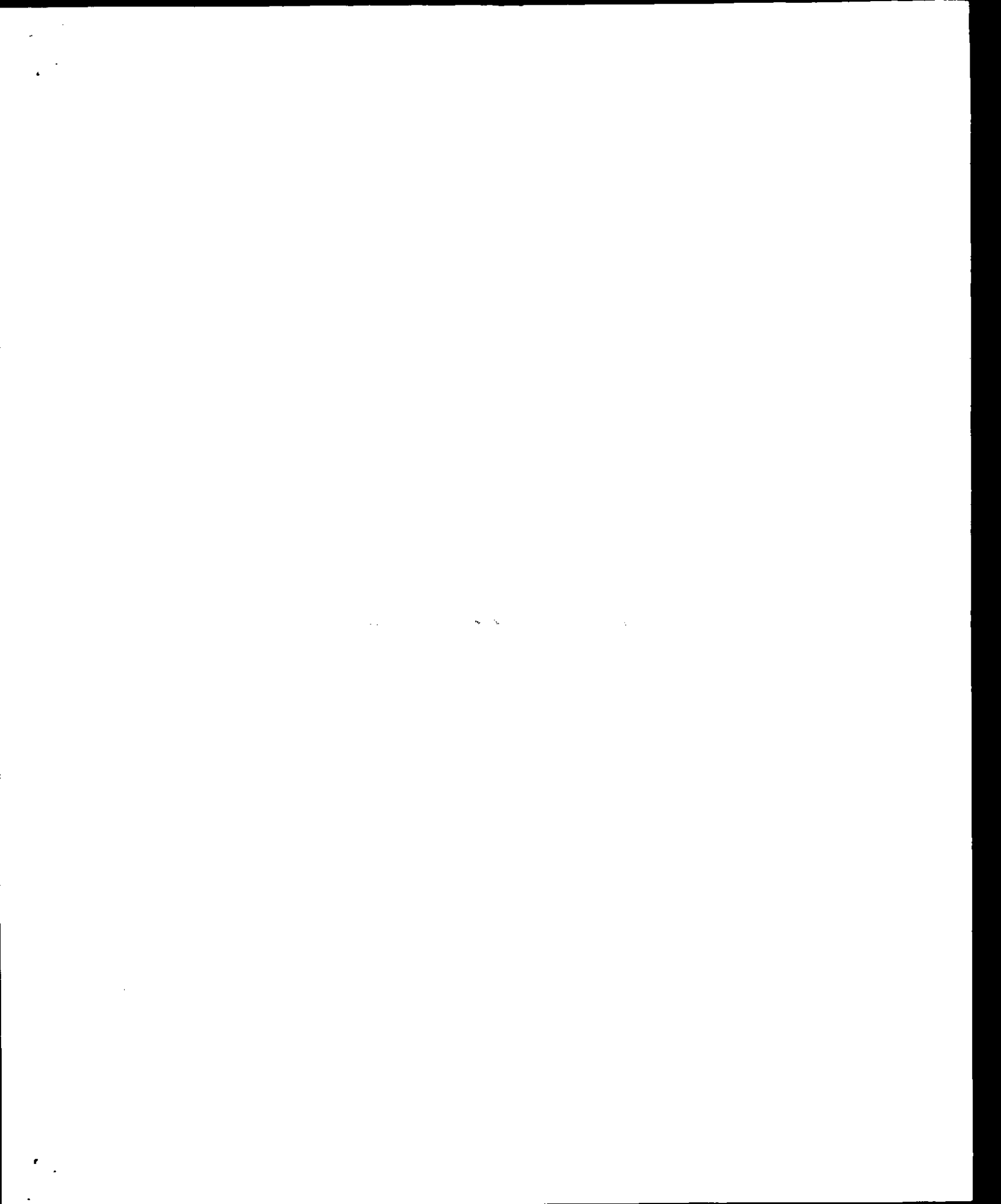
Measure the Blood Pressure of a partner using sphygmomanometer.

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Full Marks : 15

Time : Two Hours

1. Identify the provided specimen (A and B) with distinguishing characteristics. 1.5×2=3
 2. Locate the Zoogeographical Regions where the provided animals (A, B, C and D) are found in their natural habitat.

(List of animals and world map to be provided during Examination) 0.5×4=2
 3. Record the (physiological parameter) as per given guidelines and comment on your result. 3+2
 4. Submission Laboratory Notebook. 2
 5. Viva voce 3
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