



**KERALA AGRICULTURAL UNIVERSITY**  
**B.Sc.(Hons) Forestry 2018 Admission**  
**II Semester Final Examination- August 2019**

**Wild.1201**

**Wildlife Biology (2+1)**

**Marks: 50**  
**Time: 2 hours**  
**(10x1=10)**

**I Define the following:**

- 1 Feral animal.
- 2 Marsupium.
- 3 Rodent.
- 4 Chiropteran.
- 5 Proboscis.
- 6 Plantigrade.
- 7 Thermal cover.
- 8 Ecotone.
- 9 Batesian mimicry.
- 10 Conservation.

**II Write Short notes on any FIVE of the following**

**(5x2=10)**

- 1 The need for classification of organisms.
- 2 Adaptations of Pangolins.
- 3 Waterholes for wildlife: to provide or not? When? Where? How many/much?
- 4 Cats v/s dogs – classification; features as predators.
- 5 Mammalian adaptations to excess temperatures.
- 6 Dispersal of animals.
- 7 Mammalian adaptation for gliding, with examples.

**III Answer any FIVE of the following.**

**(5x4=20)**

- 1 African elephant and Asian elephant – compare and contrast.
- 2 The primate species of India and their distribution.
- 3 Give an overview of Indian mammalian orders: characters, distribution, examples.
- 4 Viable habitat: essential for viable populations of wildlife – write a long note
- 5 Adaptations of prey v/s predators.
- 6 Wildlife studies in India: before, during and the decades after the British.
- 7 The marine mammals of India – specialties, characters, members.

**IV Answer any ONE of the following**

**(1x10=10)**

- 1 Biological needs of wildlife: habitat, food, water, cover, space.
- 2 The ungulates of India.

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