

THE OPEN UNIVERSITY OF SRI LANKA
B.Sc. DEGREE PROGRAMME 2017/2018
COURSE TITLE: MAMMALIAN BIOLOGY -LEVEL 5
COURSE CODE: ZYU5307
NO BOOK TEST 2
DATE: 22.07.2018
TIME: 10.30 am- 11.30 am

PART B (40 marks)

REGISTRATION NO:

2.

2.1 Yala National Park is one of the best National parks in Sri Lanka for observing mammals. Mammals play a key role in shaping the ecology of the entire biotic community and of the ecosystem at large. Briefly explain the ecosystem services provided by the following mammals to the Yala National Park (20 marks).

a) Grey Langur

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b) Sloth Bear

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c) Elephant

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d) Pangolin

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2.2 Recently, The Wildlife Conservation Department has found a large-scale Cannabis (Ganja) plantation within the Yala National Park (20 marks)

a) Briefly explain how large-scale Cannabis cultivation affects the habitat conditions of the Yala National Park?

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b) Explain how cannabis cultivation affects the mammals living in the park (20 marks).

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