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(Knowledge for Development)

KIBABII UNIVERSITY

**UNIVERSITY EXAMINATIONS
2020/2021 ACADEMIC YEAR**

**FOURTH YEAR FIRST SEMESTER
MAIN EXAMINATIONS**

FOR THE DEGREE OF BACHELOR OF EDUCATION SCIENCE

COURSE CODE: SZL412

COURSE TITLE: ANIMAL BEHAVIOUR/ETHOLOGY

DATE: THURSDAY 7TH OCTOBER, 2021

TIME: 9:00 – 11:00 a.m.

INSTRUCTIONS TO CANDIDATES

Answer Question one (1) and any other two (2) Questions. Question one is compulsory and carries 30 marks, the other Questions carry 20 marks each.

TIME: 2 Hours

This paper consists of 3 printed pages. Please Turn  over

KIBU observes ZERO tolerance to examination cheating

QUESTION ONE

(a) Define the following terms as used in the study of animal behaviour

- i. Instinct
- ii. Behaviour
- iii. Agonistic behaviour
- iv. Social biology
- v. Pheromones (5 marks)

(b) Distinguish between:

- i. Parental care and parental investment
- ii. Voluntary and Involuntary human behaviour
- iii. Overt and covert human behaviour
- iv. Natural/Innate behaviour and Learned/Nurture behaviour
- v. Field and laboratories methods of studying behaviour (5 marks)

(c) Write notes on altruism and imprinting (5 marks)

(d) Explain the role of the nervous system in the control of behaviour (5 marks)

(e) Briefly explain the role of endocrine system in the control of behaviour. (5 marks)

(f) Explain the advantages of observing a pecking order in some animal species (5 marks)

QUESTION TWO

Discuss why monkeys are regarded to be the most common and successful primates in social organization and structure. (20 marks)

QUESTION THREE

Describe four approaches of animal behaviour (20 marks)

QUESTION FOUR

Discuss proximate and ultimate causes and anthropomorphism. (20 marks)

QUESTION FIVE

Discuss the factors involved in development of behaviour. (20 marks)