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Certification exam

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## Course outline

How does an NPTEL  
online course work?

Week (1) - Introduction

Week (2) - Ecological  
Structure

Week (3): Ecological  
Interaction

☐ Lecture 7: Positive  
Interactions

☐ Lecture 8: Negative  
Interactions

☐ Lecture 9: Study of Behaviour  
and Behavioral Ecology

☒ Quiz: Week 3: Assignment 3

☐ Feedback For Week-3

Text Transcripts

Books

Problem Solving Session -  
July 2023

# Week 3: Assignment 3

Your last recorded submission was on 2023-08-08, 19:31 IST

Due date: 2023-08-16, 23:59 IST.

- 1) I observe a bird take a tick out of another bird's head and eat it. in the social context, this behaviour is known as 1 point
  - ☐ tick hunting
  - ☐ auto grooming
  - ☒ allo grooming
  - ☐ foraging
- 2) the scientific study of animal behaviour is known as 1 point
  - ☐ behaviourism
  - ☐ ecology
  - ☒ ethology
  - ☐ prey- predator dynamics
- 3) trampling of grass due to movement of animals is an example of 1 point
  - ☐ mutualism
  - ☒ amensalism
  - ☐ commensalism
  - ☐ protocooperation
- 4) birds on a giraffe is an example of 1 point
  - ☐ colony
  - ☐ commensalism
  - ☒ protocooperation
  - ☐ allelopathy
- 5) i observe a monkey take a tick out of another monkey's head and eat it. in social context this behaviour would be called 1 point
  - ☐ tick hunting
  - ☐ auto grooming
  - ☒ allo grooming
  - ☐ foraging
- 6) hamilton's rule can be stated as 1 point
  - ☐  $rB < C$
  - ☒  $rB > C$
  - ☐  $rB = C$
  - ☐  $rB + C = 0$
- 7) egrets with buffaloes are an example of 1 point
  - ☐ colony
  - ☒ commensalism
  - ☐ protocooperation
  - ☐ allelopathy
- 8) the interaction between exotic shrubs and trees through the action of seed predators is an example of 1 point
  - ☐ intraspecific competition
  - ☒ apparent competition
  - ☐ disguised competition
  - ☐ harmonious competition
- 9) harmonious interaction occurs where 1 point
  - ☐ at least one participant is benefitted
  - ☐ at least one participant is unharmed
  - ☐ both participants are benefitted
  - ☒ both participants are unharmed
- 10) an inventory of behaviours exhibited by an animal during a behaviour exercise is called 1 point
  - ☐ ecogram
  - ☒ ethogram
  - ☐ behaviourogram
  - ☐ animalogram

You may submit any number of times before the due date. The final submission will be considered for grading.

Submit Answers

