

Unit 4 - Week 02 - Monitoring Wild Animals

Course outline

How to access the portal

Week 0

Week 01 - Wild Life

Week 02 - Monitoring Wild Animals

☐ Lecture 05 - Preliminaries

☐ Lecture 06 - Basics of sampling

☐ Lecture 07 - Distance Sampling-I

☐ Lecture 08 - Distance Sampling-II

☐ Lecture 09 - Radio telemetry

☐ Lecture 10 - Behavioural monitoring

☐ Quiz : Assignment 2

☐ Solution to the Assignment (2)

☐ Feedback form for week 2

Week 03 - Monitoring and managing habitats

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Week 04 - Management of wild life diseases

Week 05 - Capturing and restraining wild animals

Week 06 - Conservation genetics

Week 07 - Ex-situ conservation

Week8 - Management of changes

Assignment 2

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2019-08-21, 23:59 IST.

1) Which of these is not a demographic parameter?

1 point

- ☐ Population size
- ☐ Population density
- ☐ Population habitat
- ☐ Age pyramid

No, the answer is incorrect.
Score: 0

Accepted Answers:
Population habitat

2) The correct deming cycle is

1 point

- ☐ Plan -> Do -> Check -> Act
- ☐ Plan -> Act -> Do -> Check
- ☐ Act -> Do -> Check -> Plan
- ☐ Act -> Check -> Do -> Plan

No, the answer is incorrect.
Score: 0

Accepted Answers:
Plan -> Do -> Check -> Act

3) Distance sampling and Capture-mark-recapture are methods for

1 point

- ☐ Health monitoring
- ☐ Estimation of sex ratio
- ☐ Estimation of population abundance
- ☐ Estimation of natural predators

No, the answer is incorrect.
Score: 0

Accepted Answers:
Estimation of population abundance

4) _____ is how close the measured values are to the correct value, while _____ is how close the measured values are to each other.

1 point

- ☐ Accuracy, Precision
- ☐ Precision, Accuracy
- ☐ Bias, Variance
- ☐ Variance, Bias

No, the answer is incorrect.
Score: 0

Accepted Answers:
Accuracy, Precision

5) An inventory of behaviours exhibited by an animal during a behaviour exercise is called

1 point

- ☐ Ecogram
- ☐ Ethogram
- ☐ Behaviourogram
- ☐ Animalogram

No, the answer is incorrect.
Score: 0

Accepted Answers:
Ethogram

6) _____ employs a simple rule of selecting every kth unit strating with a number chosen at random from 1 to k as the random start.

1 point

- ☐ Simple random sampling
- ☐ Systematic sampling
- ☐ Stratified sampling
- ☐ Multistage sampling

No, the answer is incorrect.
Score: 0

Accepted Answers:
Systematic sampling

7) Which of these is not an easy assesment of a models performance?

1 point

- ☐ Likelihood
- ☐ AIC
- ☐ Demographics
- ☐ Absolute measures of model fit

No, the answer is incorrect.
Score: 0

Accepted Answers:
Demographics

8) The scientific study of animal behaviour is called

1 point

- ☐ Behaviourism
- ☐ Ecology
- ☐ Ethology
- ☐ Prey-predator dynamics

No, the answer is incorrect.
Score: 0

Accepted Answers:
Ethology

9) As the number of parameters increase,

1 point

- ☐ Bias decreases, variance increases
- ☐ Bias decreases, variance decreases
- ☐ Bias increases, variance increases
- ☐ Bias increases, variance decreases

No, the answer is incorrect.
Score: 0

Accepted Answers:
Bias decreases, variance increases

10) When receiving antenna is used in I fashion, it gives

1 point

- ☐ Improved directionality, improved sensitivity
- ☐ Improved directionality, reduced sensitivity
- ☐ Reduced directionality, increased sensitivity
- ☐ Reduced directionality, reduced sensitivity

No, the answer is incorrect.
Score: 0

Accepted Answers:
Improved directionality, reduced sensitivity