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NPTEL

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Courses » Wild Life Ecology

Announcements

Course

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Unit 6 - Week 5_Population Ecology

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Course outline

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Assignment 5

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-03-06, 23:59 IST.**

1) ___ is how close the measured values are to the correct value. **2 points**

- Accuracy
- Precision
- Bias
- Variance

No, the answer is incorrect.

Score: 0

Accepted Answers:

Accuracy

2) ___ employs a simple rule of selecting every kth unit starting with a number chosen at random from 1 to k as the random start. **2 points**

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

No, the answer is incorrect.

Score: 0

Accepted Answers:

Systematic sampling

3) A sampling procedure such that each possible combination of sampling units out of the population has the same chance of being selected is referred to as **2 points**

- Simple random sampling
- Systematic sampling

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Solution	ce De	4) The juvenile mortality rate is the annual number of deaths of juveniles per	2 points
Week 6_Community Ecology		<input type="radio"/> 100 births <input type="radio"/> 1000 births <input type="radio"/> 100 live births <input type="radio"/> 1000 live births	
Week 7_Distribution and abundance		No, the answer is incorrect.	
Week 8_Management of threatened species		Score: 0	
Week 9_Human Ecology		Accepted Answers:	
Week 10_Ecology of change		<i>1000 live births</i>	
Week 11_Applied Ecology		5) Pan traps are used for sampling	2 points
Week 12_Revision		<input type="radio"/> bees <input type="radio"/> butterflies <input type="radio"/> non-pollinator insects <input type="radio"/> pollinator insects	
		No, the answer is incorrect.	
		Score: 0	
		Accepted Answers:	
		<i>pollinator insects</i>	
		6) Cover board surveys are typically used for sampling	2 points
		<input type="radio"/> herpetofauna <input type="radio"/> fishes <input type="radio"/> large mammals <input type="radio"/> carnivores	
		No, the answer is incorrect.	
		Score: 0	
		Accepted Answers:	
		<i>herpetofauna</i>	
		7) The minimum replacement level fertility for a population to grow should be greater than	2 points
		<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4	
		No, the answer is incorrect.	
		Score: 0	
		Accepted Answers:	
		<i>2</i>	
		8) Which of these is not a measure of absolute population density?	2 points
		<input type="radio"/> total count <input type="radio"/> pelt count <input type="radio"/> capture-recapture method <input type="radio"/> removal method	
		No, the answer is incorrect.	
		Score: 0	

Accepted Answers:*pelt count*

9) Which of these is true?

2 points

- Physiological longevity > Ecological longevity
- Physiological longevity = Ecological longevity
- Physiological longevity < Ecological longevity
- a or b

No, the answer is incorrect.**Score: 0****Accepted Answers:***a or b*

10) The logistic growth equation, when plotted, appears

2 points

- I shaped
- J shaped
- S shaped
- O shaped

No, the answer is incorrect.**Score: 0****Accepted Answers:***S shaped*[Previous Page](#)[End](#)