

Biology 45

Population and Community Ecology MCQ

Author: OpenStax College

Published 2015

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4. Chapter: Biology 45 Population and Community Ecology MCQ

1. Biology 45 Population and Community Ecology MCQ Questions

4.1.1. Which of the following methods will tell an ecologist about both th...

Author: OpenStax College

Which of the following methods will tell an ecologist about both the size and density of a population?

Please choose only one answer:

- mark and recapture
- mark and release
- quadrat
- life table

Check the answer of this question online at QuizOver.com:

Question: [Which of the following methods will tell OpenStax College Biology](#)

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4.1.2. Which of the following is best at showing the life expectancy of an...

Author: OpenStax College

Which of the following is best at showing the life expectancy of an individual within a population?

Please choose only one answer:

- quadrat
- mark and recapture
- survivorship curve
- life table

Check the answer of this question online at QuizOver.com:

Question: [Which of the following is best at showing OpenStax College Biology](#)

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4.1.3. Humans have which type of survivorship curve?

Author: OpenStax College

Humans have which type of survivorship curve?

Please choose only one answer:

- Type I
- Type II
- Type III
- Type IV

Check the answer of this question online at QuizOver.com:

Question: [Humans have which type of survivorship OpenStax College Biology 4](#)

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4.1.4. Which of the following is associated with longterm parental care?

Author: OpenStax College

Which of the following is associated with longterm parental care?

Please choose only one answer:

- few offspring
- many offspring
- semelparity
- fecundity

Check the answer of this question online at QuizOver.com:

Question: [Which of the following is associated with OpenStax College Biology](#)

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4.1.5. Which of the following is associated with multiple reproductive epi...

Author: OpenStax College

Which of the following is associated with multiple reproductive episodes during a species' lifetime?

Please choose only one answer:

- semiparity
- iteroparity
- semelparity
- fecundity

Check the answer of this question online at QuizOver.com:

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4.1.6. Which of the following is associated with the reproductive potentia...

Author: OpenStax College

Which of the following is associated with the reproductive potential of a species?

Please choose only one answer:

- few offspring
- many offspring
- semelparity
- fecundity

Check the answer of this question online at QuizOver.com:

Question: [Which of the following is associated with OpenStax College Biology](#)

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4.1.7. Species with limited resources usually exhibit a(n) _____ growth...

Author: OpenStax College

Species with limited resources usually exhibit a(n) _____ growth curve.

Please choose only one answer:

- logistic
- logical
- experimental
- exponential

Check the answer of this question online at QuizOver.com:

Question: [Species with limited resources usually OpenStax College Biology 4](#)

Flashcards:

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4.1.8. The maximum rate of increased characteristic of a species is called...

Author: OpenStax College

The maximum rate of increased characteristic of a species is called its _____.

Please choose only one answer:

- limit
- carrying capacity
- biotic potential
- exponential growth pattern

Check the answer of this question online at QuizOver.com:

Question: [The maximum rate of increased characteristic OpenStax College Biology](#)

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4.1.9. The population size of a species capable of being supported by the ...

Author: OpenStax College

The population size of a species capable of being supported by the environment is called its _____.

Please choose only one answer:

- limit
- carrying capacity
- biotic potential
- logistic growth pattern

Check the answer of this question online at QuizOver.com:

Question: [The population size of a species capable OpenStax College Biology](#)

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4.1.10. Species that have many offspring at one time are usually:

Author: OpenStax College

Species that have many offspring at one time are usually:

Please choose only one answer:

- r-selected
- K-selected
- both r- and K-selected
- not selected

Check the answer of this question online at QuizOver.com:

Question: [Species that have many offspring at one OpenStax College Biology](#)

Flashcards:

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4.1.11. A forest fire is an example of _____ regulation.

Author: OpenStax College

A forest fire is an example of _____ regulation.

Please choose only one answer:

- density-dependent
- density-independent
- r-selected
- K-selected

Check the answer of this question online at QuizOver.com:

Question: [A forest fire is an example of regulation OpenStax College Biology](#)

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4.1.12. Primates are examples of:

Author: OpenStax College

Primates are examples of:

Please choose only one answer:

- density-dependent species
- density-independent species
- r-selected species
- K-selected species

Check the answer of this question online at QuizOver.com:

Question: [Primates are examples of: OpenStax College Biology 45 Population](#)

Flashcards:

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4.1.13. A country with zero population growth is likely to be _____.

Author: OpenStax College

A country with zero population growth is likely to be _____.

Please choose only one answer:

- in Africa
- in Asia
- economically developed
- economically underdeveloped

Check the answer of this question online at QuizOver.com:

Question: [A country with zero population growth is OpenStax College Biology](#)

Flashcards:

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4.1.14. Which type of country has the greatest proportion of young individu...

Author: OpenStax College

Which type of country has the greatest proportion of young individuals?

Please choose only one answer:

- economically developed
- economically underdeveloped
- countries with zero population growth
- countries in Europe

Check the answer of this question online at QuizOver.com:

Question: [Which type of country has the greatest OpenStax College Biology 4](#)

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4.1.15. Which of the following is not a way that humans have increased the ...

Author: OpenStax College

Which of the following is not a way that humans have increased the carrying capacity of the environment?

Please choose only one answer:

- agriculture
- using large amounts of natural resources
- domestication of animals
- use of language

Check the answer of this question online at QuizOver.com:

Question: [Which of the following is not a way that OpenStax College Biology](#)

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4.1.16. The first species to live on new land, such as that formed from vol...

Author: OpenStax College

The first species to live on new land, such as that formed from volcanic lava, are called _____.

Please choose only one answer:

- climax community
- keystone species
- foundation species
- pioneer species

Check the answer of this question online at QuizOver.com:

Question: [The first species to live on new land such OpenStax College Biology](#)

Flashcards:

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4.1.17. Which type of mimicry involves multiple species with similar warnin...

Author: OpenStax College

Which type of mimicry involves multiple species with similar warning coloration that are all toxic to predators?

Please choose only one answer:

- Batesian mimicry
- Müllerian mimicry
- Emsleyan/Mertensian mimicry
- Mertensian mimicry

Check the answer of this question online at QuizOver.com:

Question: [Which type of mimicry involves multiple OpenStax College Biology](#)

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4.1.18. A symbiotic relationship where both of the coexisting species benefit

Author: OpenStax College

A symbiotic relationship where both of the coexisting species benefit from the interaction is called _____.

Please choose only one answer:

- commensalism
- parasitism
- mutualism
- communism

Check the answer of this question online at QuizOver.com:

Question: [A symbiotic relationship where both of OpenStax College Biology 4](#)

Flashcards:

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4.1.19. The ability of rats to learn how to run a maze is an example of ____...

Author: OpenStax College

The ability of rats to learn how to run a maze is an example of _____.

Please choose only one answer:

- imprinting
- classical conditioning
- operant conditioning
- cognitive learning

Check the answer of this question online at QuizOver.com:

Question: [The ability of rats to learn how to run OpenStax College Biology](#)

Flashcards:

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4.1.20. The training of animals usually involves _____.

Author: OpenStax College

The training of animals usually involves _____.

Please choose only one answer:

- imprinting
- classical conditioning
- operant conditioning
- cognitive learning

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Question: [The training of animals usually involves OpenStax College Biology](#)

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4.1.21. The sacrifice of the life of an individual so that the genes of rel...

Author: OpenStax College

The sacrifice of the life of an individual so that the genes of relatives may be passed on is called _____.

Please choose only one answer:

- operant learning
- kin selection
- kinesis
- imprinting

Check the answer of this question online at QuizOver.com:

Question: [The sacrifice of the life of an individual OpenStax College Biology](#)

Flashcards:

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