|  |
| --- |
| 100 out of 100 points    |
| Time Elapsed | 66 hours, 32 minutes  |
| Instructions | [**Assessment Instructions**](https://online.columbiasouthern.edu/bbcswebdav/pid-5267679-dt-content-rid-45577250_1/xid-45577250_1) |
| Results Displayed | Submitted Answers, Correct Answers, Feedback  |



* **Question 1**

10 out of 10 points

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| --- | --- |
|  |  |
|  | A type of species interaction where one of the individuals is positively affected to the detriment of the other is known as what? |  |  |  |
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|  |  |
| --- | --- |
| Selected Answer:  | CorrectParasitism |
| Correct Answer:  | CorrectParasitism |

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* **Question 2**

10 out of 10 points

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| --- | --- |
|  |  |
|  | The yucca moth interacts with the soapweed yucca in which way? |  |  |  |
|

|  |  |
| --- | --- |
| Selected Answer:  | CorrectThe moth pollinates the flowers so the larvae can eat the seeds. |
| Correct Answer:  | CorrectThe moth pollinates the flowers so the larvae can eat the seeds. |

 |  |  |  |

* **Question 3**

10 out of 10 points

|  |  |
| --- | --- |
|  |  |
|  | Penicillium (the source of the antibiotic penicillin) is a mold that secretes a toxin that kills bacteria and other organisms. Penicillium, however, is not harmed by this toxin. This is an example of: |  |  |  |
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|  |  |
| --- | --- |
| Selected Answer:  | Correctamensalism. |
| Correct Answer:  | Correctamensalism. |

 |  |  |  |

* **Question 4**

10 out of 10 points

|  |  |
| --- | --- |
|  |  |
|  | Cattle egret follow herds of cattle and feed on both the insects stirred by the movement of the cattle and the biting insects that irritate the cattle. This is an example of: |  |  |  |
|

|  |  |
| --- | --- |
| Selected Answer:  | Correctmutualism. |
| Correct Answer:  | Correctmutualism. |

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* **Question 5**

10 out of 10 points

|  |  |
| --- | --- |
|  |  |
|  | Atlantic cod populations began their steep decline in the: |  |  |  |
|

|  |  |
| --- | --- |
| Selected Answer:  | Correct1960s. |
| Correct Answer:  | Correct1960s. |

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* **Question 6**

25 out of 25 points

|  |  |
| --- | --- |
|  |  |
|  | Match the organisms to the relationship. |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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|  |  |  |
| --- | --- | --- |
| Question | Correct Match | Selected Match |
| orchid / tree | CorrectE. commensalism | CorrectE. commensalism |
| coyote / rabbit | CorrectB. predator-prey | CorrectB. predator-prey |
| yucca moth / soapweed yucca | CorrectC. mutualism | CorrectC. mutualism |
| cowbird / warbler | CorrectA. brood parasitism | CorrectA. brood parasitism |
| tapeworm / human | CorrectD. parasite | CorrectD. parasite |

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* **Question 7**

25 out of 25 points

|  |  |
| --- | --- |
|  |  |
|  | Pick the phrase that best matches each term |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| --- | --- | --- |
| Question | Correct Match | Selected Match |
| Heterotrophic | CorrectB. organisms that feed on other organisms | CorrectB. organisms that feed on other organisms |
| Autotrophic | CorrectD. self-feeding organisms, photosynthetic | CorrectD. self-feeding organisms, photosynthetic |
| Producers | CorrectA. organisms at the base of the food web, autotrophs | CorrectA. organisms at the base of the food web, autotrophs |
| Primary consumers | CorrectC. organisms that eat plants (herbivores) | CorrectC. organisms that eat plants (herbivores) |
| Secondary consumers | CorrectE. organisms that feed on herbivores (carnivores) | CorrectE. organisms that feed on herbivores (carnivores) |

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