

Dynamics of Ecosystems Review 2 Answers

Part A – Multiple Choice

Note: Some questions have more than one correct response.

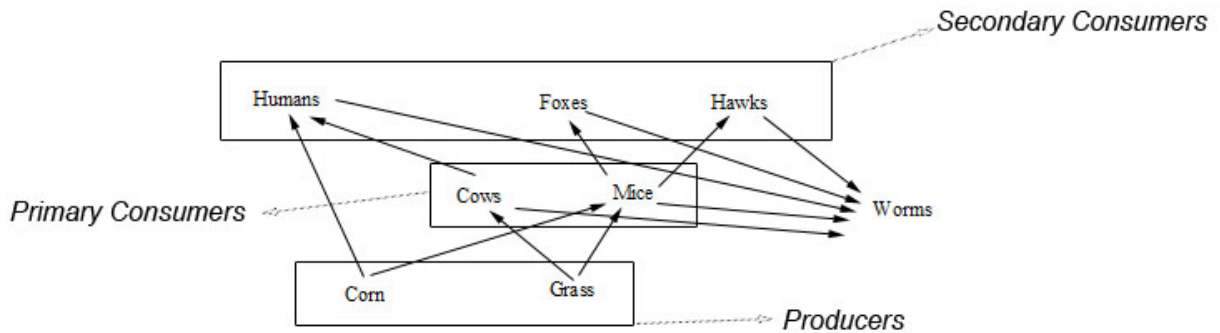
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|---------|----------|
| 1. B | 7. B |
| 2. A | 8. D |
| 3. B | 9. A |
| 4. A | 10. A, D |
| 5. C | 11. D |
| 6. A, B | 12. C |

Part B – Extended Answer

1. In a typical ecosystem the following plants and animals are found.

Humans	Cows	Mice	Hawks
Corn	Grass	Foxes	Worms

Draw a food web using these plants and animals and label the **producers**, **primary consumers**, and **secondary consumers**.



2. A substance must have certain properties before it could be considered hazardous to an ecosystem. What are these four properties?

Long-lived
Mobile
Soluble in fats
Biologically active

3. Give two density-dependent factors and two density-independent factors that affect population growth.

Sample responses

Density-dependent	Density-independent
<i>Parasites</i> <i>Aggression</i> <i>Disease</i>	<i>Flood</i> <i>Fire</i> <i>Earthquake</i>