

Natural Sciences

Biology 1

Author: Jill Zerressen

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4. Chapter: Biology 1

1. Biology 1 Questions

4.1.1. When living things maintain an internal environment, it is termed:

Author: Jill Zerressen

When living things maintain an internal environment, it is termed:

Please choose only one answer:

- homeostasis
- organizational
- responsiveness
- adaption

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

Question: [When living things maintain an internal by Jill Zerressen Bio test](#)

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4.1.2. There are_____ amino acids that comprise proteins in the body and ...

Author: Jill Zerressen

There are_____ amino acids that comprise proteins in the body and _____ of these are essential.

Please choose only one answer:

- 10;20
- 15;10
- 20;9
- 25;5

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

Question: [There are amino acids that comprise proteins by Jill Zerressen Bio](#)

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4.1.3. The diffusion of water molecules from a region of higher water conc...

Author: Jill Zerressen

The diffusion of water molecules from a region of higher water concentration to a region of lower water concentration across a selectively permeable membrane is

Please choose only one answer:

- diffusion
- osmosis
- filtration
- secretion

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

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4.1.4. Animals are:

Author: Jill Zerressen

Animals are:

Please choose only one answer:

- heterotrophic
- autotrophic

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

Question: [Animals are by Jill Zerressen Bio test 1 Question](#)

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4.1.5. Animals are:

Author: Jill Zerressen

Animals are:

Please choose only one answer:

- multi-cellular
- single-cellular

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

Question: [Animals are by Jill Zerressen Bio test 1 Question](#)

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4.1.6. Animals are:

Author: Jill Zerressen

Animals are:

Please choose only one answer:

- prokaryotes
- eukaryotes

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

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4.1.7. Animals are:

Author: Jill Zerressen

Animals are:

Please choose only one answer:

- prokaryotes
- eukaryotes

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

Question: [Animals are by Jill Zerressen Bio test 1 Question](#)

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4.1.8. Which is NOT one of the four stages of development of some animals,...

Author: Jill Zerressen

Which is NOT one of the four stages of development of some animals, especially the invertebrate insects.

Egg, larvae, puppae, adult

Please choose only one answer:

- Egg
- larvae
- puppae
- adult
- youth

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

Question: [Which is NOT one of the four stages of development by Jill Zerressen](#)

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4.1.9. Why does the larval (immature) form usually live in a different hab...

Author: Jill Zerressen

Why does the larval (immature) form usually live in a different habitats and feed on different foods than the adult?

Please choose only one answer:

- To reduce competition so the adults and young do not compete for the same resources.
- part because they lack true tissues, have few cell types and no nerve or muscle cells to speak of.
- a fluid-filled capsule that contains a long, spirally coiled hollow thread. When triggered the nematocyst is discharged, some of which may trap prey while others have spines that penetrate and inject paralyzing toxins.

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

Question: [Why does the larval immature form usually by Jill Zerressen Bio test](#)

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4.1.10. Molecular data show that these invertebrates are at the base of the...

Author: Jill Zerressen

Molecular data show that these invertebrates are at the base of the evolutionary tree of animals due in part because they lack true tissues, have few cell types and no nerve or muscle cells to speak of.

Please choose only one answer:

- sponges
- trees
- moss
- moths

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

Question: [Molecular data show that these invertebrates by Jill Zerressen Bio](#)

Flashcards:

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4.1.11. Sponges can reproduce which of the following ways?

Author: Jill Zerressen

Sponges can reproduce which of the following ways?

Please choose only one answer:

- asexually by fragmentation or budding
- regeneration (growth of a whole from a small part)
- sexually by egg and sperm.
- all of these ways

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

Question: [Sponges can reproduce which of the following by Jill Zerressen Bio](#)

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4.1.12. These invertebrates are aquatic, mostly marine, that vary widely in...

Author: [Jill Zerressen](#)

These invertebrates are aquatic, mostly marine, that vary widely in size, shape, and color. They have a canal system that allows for water movement through their body and their body has many pores and the canal is lined with flagellated cells (collar cells) that produce a current. What are they?

Please choose only one answer:

- coral
- sponges
- anemone
- jellyfish

Check the answer of this question online at [QuizOver.com](#):

Question: [These invertebrates are aquatic mostly marine by Jill Zerressen Bio](#)

Flashcards:

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4.1.13. Portuguese man-of-war and the jellyfish are both members of which g...

Author: Jill Zerressen

Portuguese man-of-war and the jellyfish are both members of which group?

Please choose only one answer:

- cnidarians
- vertebrate
- arthropods

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

Question: [Portuguese man-of-war and the jellyfish by Jill Zerressen Bio test](#)

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4.1.14. What is a nematocyst?

Author: [Jill Zerressen](#)

What is a nematocyst?

Please choose only one answer:

- a fluid-filled capsule that contains a long, spirally coiled hollow thread. When triggered the nematocyst is discharged, some of which may trap prey while others have spines that penetrate and inject paralyzing toxins.
- liver fluke removed from their body, from which internal organ would it have been removed
- a highly modified head region that contain hooks for attachment to the intestinal wall of the host and suckers for feeding; found in tapeworms.

Check the answer of this question online at [QuizOver.com](#):

Question: [What is a nematocyst by Jill Zerressen Bio test 1 Question](#)

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4.1.15. What is an incomplete digestive tract?

Author: Jill Zerressen

What is an incomplete digestive tract?

Please choose only one answer:

- There is only one opening of the digestive tract.
- There are too many openings in the digestive tract.
- There are no openings in the digestive tract.

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

Question: [What is an incomplete digestive tract by Jill Zerressen Bio test](#)

Flashcards:

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4.1.16. What is a complete digestive tract?

Author: Jill Zerressen

What is a complete digestive tract?

Please choose only one answer:

- There are two openings of the digestive tract.
- There is only one opening of the digestive tract.
- There are no openings of the digestive tract.

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

Question: [What is a complete digestive tract by Jill Zerressen Bio test 1 Question](#)

Flashcards:

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4.1.17. If someone told you they had a liver fluke removed from their body,...

Author: [Jill Zerressen](#)

If someone told you they had a liver fluke removed from their body, from which internal organ would it have been removed from and how would you know?

Please choose only one answer:

- Brain
- Liver; because flukes are named after the organ they inhabit.
- Intestines

Check the answer of this question online at [QuizOver.com](#):

Question: [If someone told you they had a liver fluke by Jill Zerressen Bio](#)

Flashcards:

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4.1.18. If someone told you they had a liver fluke removed from their body,...

Author: Jill Zerressen

If someone told you they had a liver fluke removed from their body, from which internal organ would it have been removed from and how would you know?

Please choose only one answer:

- Brain
- Liver; because flukes are named after the organ they inhabit.
- Intestines

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

Question: [If someone told you they had a liver fluke by Jill Zerressen Bio](#)

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4.1.19. What is a scolex and in which organism is it found?

Author: Jill Zerressen

What is a scolex and in which organism is it found?

Please choose only one answer:

- a fluid-filled capsule that contains a long, spirally coiled hollow thread. Found in dogs.
- A type of bug. Usually in fresh water.
- a highly modified head region that contain hooks for attachment to the intestinal wall of the host and suckers for feeding; found in tapeworms.

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

Question: [What is a scolex and in which organism is by Jill Zerressen Bio test](#)

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4.1.20. Molluscs share a three part body plan. List each and briefly define.

Author: [Jill Zerressen](#)

Molluscs share a three part body plan. List each and briefly define.

Please choose all the answers that apply:

- Foot – a muscular organ that may be adapted for locomotion, attachment, food capture or a combination of functions.
- Mantle – a covering that lies to either side of, but does not completely enclose the visceral mass (secretes shells)
- Visceral mass – contains the internal organs

Check the answer of this question online at [QuizOver.com](#):

Question: [Molluscs share a three part body plan. List by Jill Zerressen Bio](#)

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4.1.21. What is a radula and in which organisms is it found?

Author: Jill Zerressen

What is a radula and in which organisms is it found?

Please choose only one answer:

- An organ that bears many rows of teeth and is used to obtain food; found in molluscs
- an fish that bears many rows of teeth and is used to obtain food; found in oceans
- an shark that bears many rows of teeth and is used to obtain food; found near the Bahamas

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4.1.22. 15. Clams, oysters, mussels and scallops belong to this group of Mo...

Author: [Jill Zerressen](#)

15. Clams, oysters, mussels and scallops belong to this group of Molluscs. They have a two part shell that is hinged and closed by powerful muscles. They have no head and no radula.

Please choose only one answer:

- mantles
- bivalves
- radulas

Check the answer of this question online at [QuizOver.com](#):

Question: [15. Clams oysters mussels and scallops belong by Jill Zerressen Bio](#)

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4.1.23. Snails are monoecious. What does monoecious mean?

Author: Jill Zerressen

Snails are monoecious. What does monoecious mean?

Please choose only one answer:

- Can can adapt to any environment by changing color.
- They produce their own food.
- They have both male and female sex parts on an individual body.

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

Question: [Snails are monoecious. What does monoecious by Jill Zerressen Bio](#)

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4.1.24. The segmented worms are called _____ and it includes earthworms, ...

Author: Jill Zerressen

The segmented worms are called _____ and it includes earthworms, marine worms and leeches.

Please choose only one answer:

- annelids
- bivalves
- mulids

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

Question: [The segmented worms are called and it includes by Jill Zerressen](#)

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4.1.25. What are setae and in what group are they found?

Author: Jill Zerressen

What are setae and in what group are they found?

Please choose only one answer:

- they are bristles that protrude from the body wall that can anchor the worm and help it move; found in annelids (segmented worms)
- they have both male and female sex parts on an individual body.
- a covering that lies to either side of, but does not completely enclose the visceral mass (secretes shells)

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

Question: [What are setae and in what group are they by Jill Zerressen Bio test](#)

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