INVERTEBRATES 2

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

QUESTION 1

Which of the following is a diploblastic phylum of aquatic predators?

A) Echinodermata

B) Mollusca

C) Arthropoda

D) Annelida

E) Cnidaria

QUESTION 2

Protostomes that have a closed circulatory system and obvious segmentation are part of which phylum?

A) Echinodermata

B) Cnidaria

C) Annelida

D) Mollusca

E) Arthropoda

QUESTION 3

Which of the following statements about tapeworm feeding methods is correct?

A) They absorb nutrients across their body walls.

B) They have complete digestive tracts.

C) As adults, they live and feed in the host's bloodstream.

D) They are autotrophic.

E) They use degenerate mouths to ingest some of their food.

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QUESTION 4

Among the invertebrate phyla, phylum Arthropoda is unique in possessing members that have

A) Wings

B) A cuticle.

C) Open circulation.

D) A ventral nerve cord.

E) Segmented bodies.

QUESTION 5

Protostomes that have an open circulatory system and an exoskeleton of chitin are part of which phylum?

A) Annelida

B) Mollusca

C) Echinodermata

D) Arthropoda

E) Cnidaria

QUESTION 6

Deuterostomes that have an endoskeleton are part of which phylum?

A) Cnidaria

B) Arthropoda

C) Annelida

D) Echinodermata

E) Mollusca

QUESTION 7

Protostomes with a unique drape of tissue that may secrete a shell are part of which phylum?

A) Echinodermata

B) Cnidaria

C) Mollusca

D) Arthropoda

E)Annelida

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QUESTION 8

Which of the following animal groups is entirely aquatic?

A) Echinodermata

B) Annelida .

C) Arthropoda.

D) Crustacea.

E) Mollusca.

QUESTION 9

Which of the following have distinct central disks and long, flexible arms?

A) class Ophiuroidea (brittle stars)

B) class Asteroidea (sea stars)

C) class Holothuroidea (sea cucumbers)

D) class Echinoidea (sea urchins and sand dollars)

E) class Crinoidea (sea lilies and feather stars)

QUESTION 10

Which of the following can have long, movable spines?

A) class Holothuroidea (sea cucumbers)

B) class Asteroidea (sea stars)

C) class Echinoidea (sea urchins and sand dollars)

D) class Crinoidea (sea lilies and feather stars)

E) class Ophiuroidea (brittle stars)

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