

Multiple Choice Questions

1 Select the correct answer

(i) All animals are

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| (A) autotrophs | (B) heterotrophs |
| (C) unicellular | (D) motile |

(ii) Which of the following is not

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|----------------|---------------|
| (A) cnidarians | (B) nematodes |
| (C) annelids | (D) mollusks |

(iii) Which of the following class of animals includes the first vertebrates to appear on Earth?

- (A) agnatha, the jawless fishes
- (B) chondrichthyes, the shark
- (C) osteichthyes, the bony fishes
- (D) tunicates, the sea squirts

(iv) Which of these does not pertain to a protostome?

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|---------------------|---------------------|
| (A) Spiral cleavage | (B) Blastopore—anus |
| (C) schizocoelom | (D) annelids |

(v) Sponges belong to the phylum.

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| (A) aschelminthes | (B) arthropoda |
| (C) porifera | (D) mollusca |

(vi) Which of the following is not a parasite?

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| (A) annelida | (B) nematode |
| (C) platyhelminthes | (D) porifera |

(vii) Which of the following most clearly demonstrates the evolutionary relationship between annelids and arthropods?

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| (A) a complete digestive tract | (B) an exoskeleton |
| (C) radial symmetry | (D) body segments |

(viii) Reptiles are much more extensively adapted to life on land than amphibians in that reptiles

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|-----------------------|-------------------------------------|
| (A) have shelled eggs | (B) have a complete digestive tract |
| (C) are endothermic | (D) go through the larva stage |

(ix) Amphibians arose from

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|------------------------|------------------|
| (A) cartilaginous fish | (B) jawless fish |
|------------------------|------------------|

(x) Which of these does not pertain to a deuterostome?

- (A) blastopore is associated with the anus
- (B) spiral cleavage
- (C) enterocoelom
- (D) echinoderms or chordates

(xi) Which of the following has a gastrovascular cavity?

- (A) sponges
- (B) earth worms
- (C) roundworms
- (D) flatworms

(xii) Which of the following is not a subphylum of chordate

- (A) hemichordate
- (B) urochordata
- (C) Cephalochordata
- (D) vertebrate

Answers

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|---------|----------|---------|--------|--------|---------|
| (i) B | (ii) A | (iii) A | (iv) B | (v) C | (vi) D |
| (vii) D | (viii) A | (ix) B | (x) B | (xi) D | (xii) A |

