

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
- | | |
|----------------|---------------|
| (A) cnidarians | (B) nematodes |
| (C) annelids | (D) mollusks |
- (iii) Which of the following class of animals includes the first vertebrates to appear on Earth?
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|-----------------------------------|
| (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?
- | | |
|---------------------|---------------------|
| (A) Spiral cleavage | (B) Blastopore—anus |
| (C) schizocoelom | (D) annelids |
- (v) Sponges belong to the phylum.
- | | |
|-------------------|----------------|
| (A) aschelminthes | (B) arthropoda |
| (C) porifera | (D) mollusca |
- (vi) Which of the following is not a parasite?
- | | |
|---------------------|--------------|
| (A) annelida | (B) nematode |
| (C) platyhelminthes | (D) porifera |
- (vii) Which of the following most clearly demonstrates the evolutionary relationship between annelids and arthropods?
- | | |
|--------------------------------|--------------------|
| (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
- | | |
|-----------------------|-------------------------------------|
| (A) have shelled eggs | (B) have a complete digestive tract |
| (C) are endothermic | (D) go through the larva stage |
- (ix) Amphibians arose from
- | | |
|------------------------|------------------|
| (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

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

