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- b. scale.
- c. endoskeleton.d. ossicle.

10.	Tunicates	and	lancelets	are	similar	in	that	both

- a. are sessile.
- b. are covered with a tunic.
- c. are invertebrate chordates.
- d. have backbones.
- 11. Which of the following invertebrate chordates is sessile?
  - c. lancelet a. sea star
  - d. hydra b. tunicate

## . . . . . . . . . . . . .

Circle T if the statement is true or F if it is false.

In deuterostomes, the mouth develops from or near the blastopore. • •

10010-0		Ministration of the second		
Constant of	CINE I			
iter)	Link	and an analysis of the second s		
Т	F	<ol> <li>The coelomic circulation of sea stars enables them to move across the sea floor using tube feet.</li> </ol>		
Т	F	<ul> <li>The body cavity of the echinoderm functions as a simple circulatory an respiratory system.</li> </ul>		
т	F	18. All chordates are deuterostomes.		
T	T F 18. All cholderes are are an an an are			
Т	F	<ol> <li>Members of the subphyla Urochordata and Cephalochordata are invertebrate chordates.</li> </ol>		
т	F	21. The endoskeleton of some chordates is completely internal.		
omj	plete e spa	each statement by writing the correct term or phrase ace provided.		
the	e spa	nce provided.		
1 the 3. I -	e spa n	be provided. , the mouth not only forms later than the but also forms on another part of the embryo.		
1 the 3. I -	e spa n	stomes include coelomate animals, such as,		
1 the 3. I - 4. I	e spa n Proto	but also forms on another part of the embryo.		
1 the 3. I - 4. I	e spa n Proto	but also forms on another part of the embryo.		
• the 3. I  4. I  25. I	e spa n Proto Many	<pre>but also forms on another part of the embryo. but also forms on another part of the embryo. stomes include coelomate animals, such as, , and, and, echinoderms crawl across the seafloor by means of a(n) system.</pre>		
• the 3. I  4. I  25. I	e spa n Proto Many	<pre>but also forms on another part of the embryo. but also forms on another part of the embryo. stomes include coelomate animals, such as, , and, and, echinoderms crawl across the seafloor by means of a(n) system.</pre>		
• the 3. I  4. I  25. I	e spa n Proto Many	but also forms on another part of the embryo. Instance provided. Instance provi		
• the 3. I  44. I  - 25. I  -	e spa n Proto Many	<pre>but also forms on another part of the embryo. but also forms on another part of the embryo. stomes include coelomate animals, such as, , and, and, echinoderms crawl across the seafloor by means of a(n) system.</pre>		

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29.	The water-vascular system of the echinoderm is a series of interconnected
30.	The water-vascular system helps an echinoderm crawl and is also important for
31.	Echinoderms have no head or brain, but they do have a(n)
	of with branches that extend into each of the arms.
22	
術行	
25	During the double prove of the chardete embrance entiff and colled o(n)
33.	During the development of the chordate embryo, a stiff rod called a(n) develops along the back.
36	The echindoderm's coelom functions as a(n) and
001	system.
a.	
Rea	ad each question, and write your answer in the space provided. Notochord
	estions 38–40 refer to the Dorsal nerve cord
38.	Identify the animal shown at right. Pharynx
39.	Based on the labeled structures, how would you know that this animal is a chordate?

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41. Describe how a sea star is able to move using its water-vascular system.



Questions 43 and 44 refer to the figure below, which shows the gastrula stage of a protostome embryo and a deuterostome embryo.



43. Compare the location of the gut in these two embryos.

44. Compare and contrast the formation of the coelom in these two embryos.