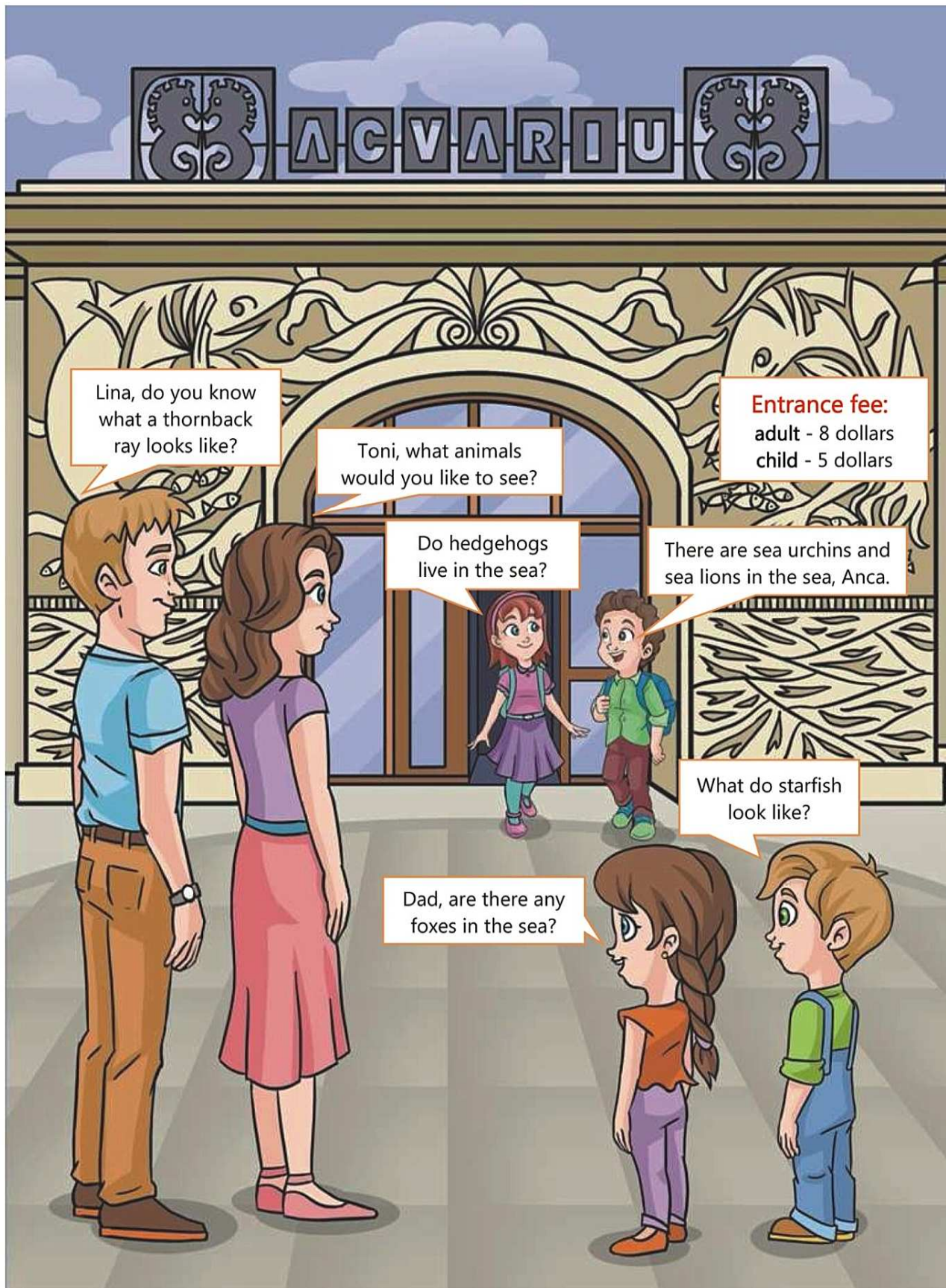


All questions worth 4 points.



11th INTERNATIONAL KANGAROO SCIENCE CONTEST 2018

PreEcolier Level (Class 1 & 2)

Time Allowed: 90 minutes

Lina and Toni Popescu are brother and sister. Together with their parents, Ana and Ion, and their schoolmates, Anca and Dan, they are about to visit the Aquarium of Constanța.

1. An aquarium is ...
A) a lake with fish
B) a zoo
C) a school
D) a glass container for fish
E) an archaeological museum
2. How much are the tickets for the four children?
A) 5 dollars
B) 10 dollars
C) 15 dollars
D) 20 dollars
E) 32 dollars
3. How much are the tickets for the Popescu family?
A) 5 dollars
B) 8 dollars
C) 26 dollars
D) 18 dollars
E) 21 dollars
4. The entrance walls are decorated with figures that represent ...
A) fish and seahorses
B) fish and trees
C) seahorses and cars
D) flowers and fish
E) flowers and seahorses
5. Who wants to find more information about starfish?
A) Lina
B) Toni
C) Anca
D) Ion
E) Ana
6. Which picture illustrates a thornback ray?

A)



B)



C)

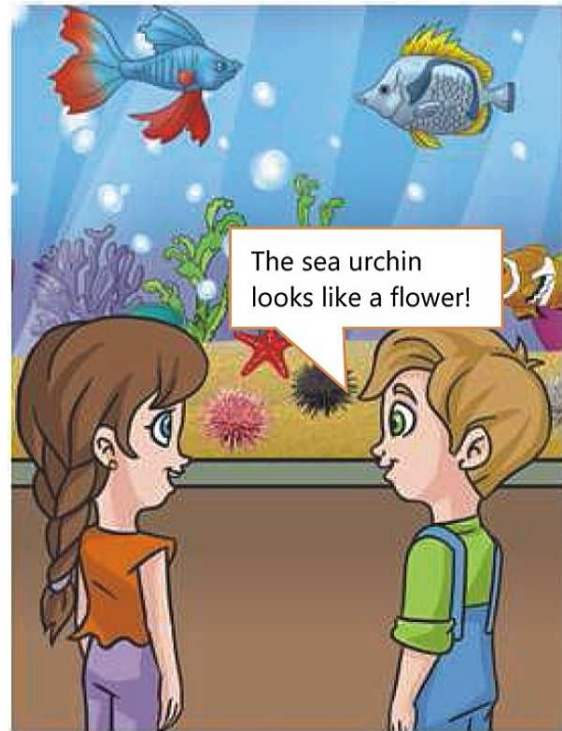
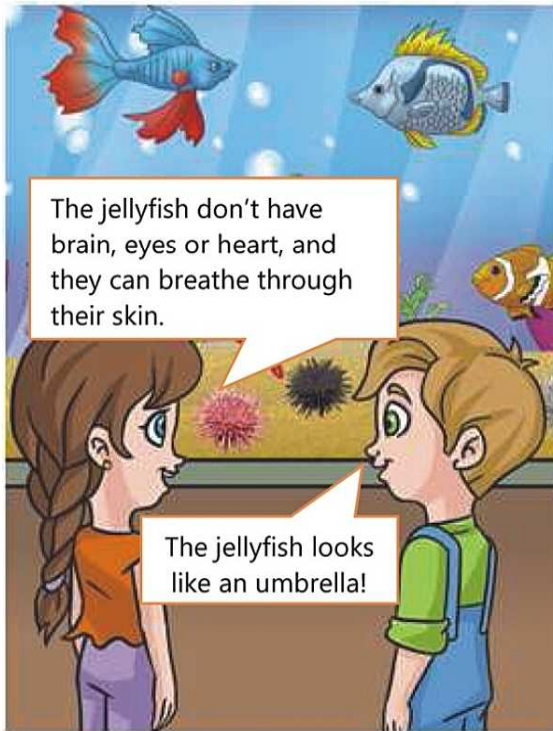


D)



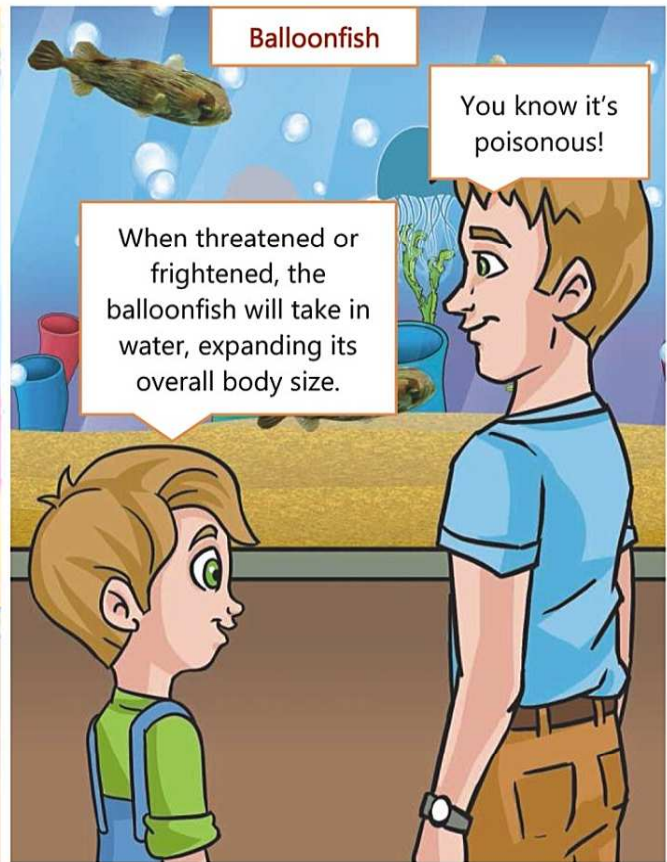
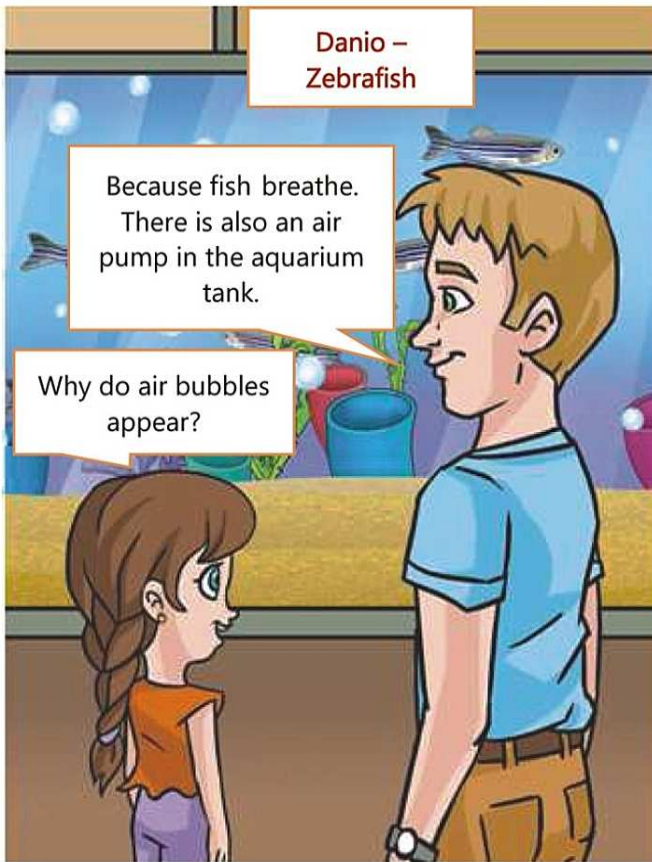
E)





7. Which picture illustrates a sea urchin?





At the Aquarium, children see a lot of interesting animals.

8. Which picture illustrates a sea lion?



11th INTERNATIONAL KANGAROO SCIENCE CONTEST 2018

PreEcolier Level (Class 1 & 2)

Time Allowed: 90 minutes

9. The jellyfish have

A) brain

B) heart

C) gills

D) skin

E) eyes

10. The sea urchin has:

A) feathers

B) spikes

C) peel

D) scales

E) hair

11. The zebrafish differs from other fish because... .

A) it has stripes on its body

B) it eats plants

C) it lives in large groups

D) it lives in the Black Sea

E) it is big in size

12. Which picture illustrates a fish?

A)



B)



C)



D)



E)



13. The balloonfish

A) is not toxic

B) is poisonous

C) has stripes

D) has hair

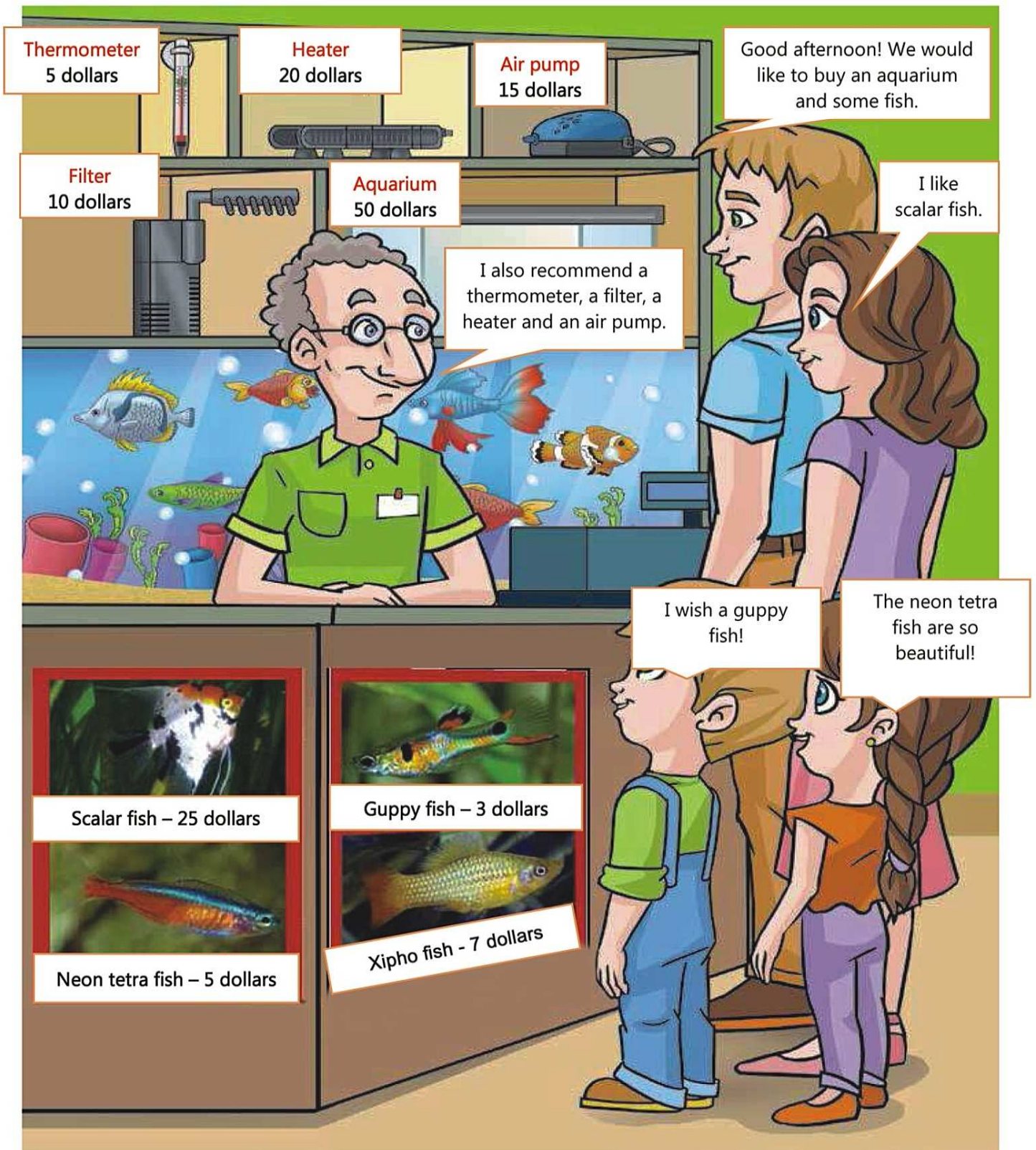
E) is huge

11th INTERNATIONAL KANGAROO SCIENCE CONTEST 2018

PreEcolier Level (Class 1 & 2)

Time Allowed: 90 minutes

Toni and Lina asked their parents to buy them an aquarium. Here they are in the pet shop.



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PreEcolier Level (Class 1 & 2)

Time Allowed: 90 minutes

14. In water, fish cannot live without

- A) air
B) stones
C) heat
D) plants
E) sand

15. A pet shop is a store where you can buy

- A) cheese and meat
B) animals and animal products
C) cakes
D) only wild animals
E) hiking equipment

16. Which of the following animals is **not** a fish?



17. How much is a pair of fish Mrs. Popescu likes?

- A) 25 dollars
B) 40 dollars
C) 50 dollars
D) 60 dollars
E) 100 dollars

18. How much is a pair of fish Toni wants?

- A) 3 dollars
B) 6 dollars
C) 10 dollars
D) 50 dollars
E) 14 dollars

19. How much are the aquarium and the components the seller recommends?

- A) 50 dollars
B) 100 dollars
C) 85 dollars
D) 80 dollars
E) 95 dollars

20. Mr. Popescu bought a pair of each fish: scalar, tetra neon, guppy and xipho. He gave the seller a note of 100 dollars, and received back

- A) three notes of 5 dollars
B) two notes of 10 dollars
C) three notes of 10 dollars
D) two notes of 10 dollars and a note of 5 dollars
E) 80 dollars

11th INTERNATIONAL KANGAROO SCIENCE CONTEST 2018

PreEcolier Level (Class 1 & 2)

Time Allowed: 90 minutes

There are freshwater fish which live in streams, rivers, ponds and saltwaterfish which live in seas and oceans. All fish have gills which help them breathe. But there are some animals, living in the water, which have lungs to help them breathe. Whales and dolphins are such animals.



Dolphins are very closely related to whales. They are spread in all seas and oceans, but most of them prefer the shallow coastal areas. Dolphins are carnivor animals, feeding on fish and squid. Dolphins reach up to 9.5 m in length and can weigh up to 10 tons. They grow slow and may live 20-30 years. Typically dolphins give birth to a single calf per year and feed it with milk. All animals which give birth to live young and brestfeed them are called mammals. Dolphins are very intelligent animals. Their brain is big and complex. Dolphins are sometimes kept in captivity and trained to perform tricks.

21. Gills are the organs which help fish
- A) breathe B) eat C) hear
D) swim E) think
22. Dolphins usually eat
- A) fish B) vegetables C) birds
D) whales E) fruit
23. Dolphins are not fish because
- A) they eat squid B) they lay eggs
C) they give birth to young and breastfeed D) they are intelligent
E) they can be easily trained
24. Dolphins are mammals just as
- A) sheep B) shells C) jellyfish
D) bees E) crabs

