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TAKS Practice Test

Grade 2, Chapter 12
Working Together

Name _____

Date _____

1 When you run a race, which body parts work harder than when you are resting?

- O Lungs only
- O Lungs and heart only
- O Heart and muscles only
- O Lungs, heart, and muscles

2 If you don't breathe quickly enough, what builds up inside your body?

- O Oxygen
- O Carbon dioxide
- O Water
- O Ammonia

3 One side of the human heart pumps blood to the lungs. The other side pumps blood to _____.

- O arms and legs only
- O the head and neck only
- O only the right side of the body
- O all body parts except the lungs

4 How often should you exercise to keep your heat and lungs healthy?

- O Every day
- O Once a week
- O Once a month
- O Only now and then

Use the picture to answer Questions 5 and 6.

5 How does blood travel to a muscle in the leg?

- O Blood vessels bring blood from the head to the muscle.
- O Blood vessels bring blood from the heart to the muscle.
- O Blood flows from one muscle to the next.
- O As the legs move, they pump blood.

6 How does blood travel away from a muscle in the leg?

- O Blood vessels bring blood from the muscle to the head.
- O Blood vessels bring blood from the muscle to the heart.
- O Blood flows to the muscles in the foot.
- O Blood flows up the body when the person lies down.

Use the chart to answer Questions 7, 8, and 9.

A Girl Resting and Playing Soccer

	Number of Breaths in One Minute	Number of Heartbeats in One Minute
A girl resting	13	65
A girl playing soccer	24	110

7 When the girl plays soccer, how fast does her heart beat?

- O 24 beats in one minute
- O 65 beats in one minute
- O 110 beats in one minute
- O 165 beats in one minute

8 When the girl plays soccer, how many more breaths does she take in one minute compared to when she rests?

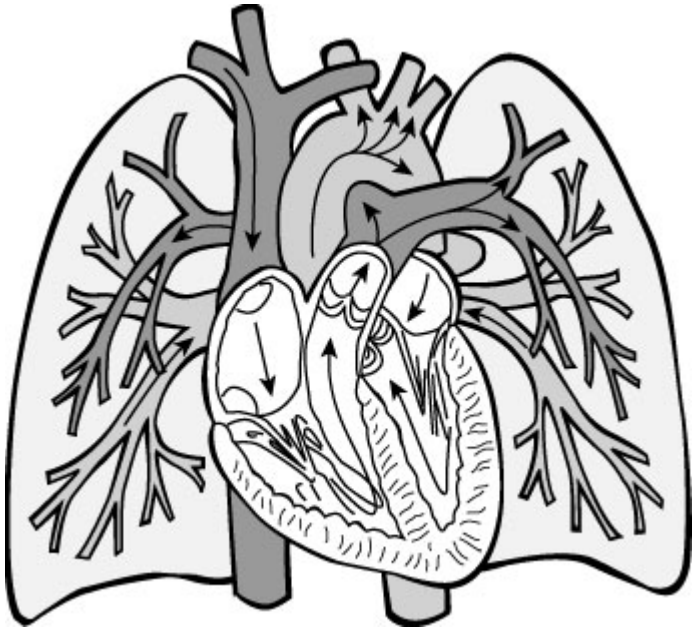
- O 3
- O 11
- O 23
- O 24

9 What body parts does the girl use when she plays soccer?

- O Her heart and lungs only
- O Her heart, lungs, and leg muscles only
- O Her heart, lungs, and brain only
- O All the parts of her body

Use the picture to answer Questions 10, 11, and 12.

The Heart and Lungs



10 What do the arrows show?

- O How air moves
- O How blood moves
- O How food moves
- O How the heart beats

11 What happens to blood in the lungs?

- O Blood gains carbon dioxide and loses oxygen.
- O Blood gains oxygen and loses carbon dioxide.
- O The lungs pump blood back to the heart.
- O The lungs pump blood to the rest of the body.

12 Do you need both your lungs and heart to live?

- O Yes, they work together as a team to keep you alive.
- O No, you need only one of them to live.
- O No, you do not need either of them to live.
- O Maybe. Every person is different.

ANSWER KEY and CORRELATIONS:

Question	Answer	TAKS	McGraw-Hill Science Grade 2 textbook
1	Lungs, heart, and muscles	5.5B	p. 264
2	Carbon dioxide	5.5B, 5.6B	p. 264
3	all body parts except the lungs	5.5B	p. 262
4	Every day	5.5B	p. 248
5	Blood vessels bring blood from the heart to the muscle.	5.5B	p. 265
6	Blood vessels bring blood from the muscle to the heart.	5.5B	p. 265
7	110 beats in one minute	5.2E	p. R19
8	11	5.2E	p. R19
9	All the parts of her body	5.5B	p. 264
10	How blood moves	3.3C, 5.5B	p. 263
11	Blood gains oxygen and loses carbon dioxide.	3.3C, 5.5B	p. 262
12	Yes, they work together as a team to keep you alive.	5.5B	p. 267