

**McGraw-Hill Science © 2000, Texas Edition
TAKS Practice Test**

Grade 3, Chapter 13

Protection Against Disease

Name _____

Date _____

- 1** Skin covers the entire body. What best describes the skin?
- A** A single, tough layer of tissue
 - B** A tough outer layer that covers soft inner layers
 - C** Layers of fat pressed together
 - D** A soft form of bone



- 2** You touch an ice cube. How does your brain sense that the ice cube is cold?
- F** Cold blood travels from the skin to the brain.
 - G** Cold water from the ice cube travels from the skin to the brain.
 - H** Nerve cells carry a message from the skin to the brain.
 - J** Oil glands send a message from the skin to the brain.
- 3** What kind of cells make up the surface of your skin?
- A** Living skin cells
 - B** Living skin cells and nerve cells
 - C** Dead skin cells
 - D** Flattened blood cells

4 The substance that colors skin is called _____.

- F** wax
- G** Vitamin D
- H** dermis
- J** melanin

5 What is one way that bacteria can be helpful?

- A** Some are large animals that plow fields.
- B** Some are viruses that make food.
- C** Some help make yogurt and cheese.
- D** Some make fruits, nuts, and berries.

6 What is the best name for a white blood cell?

- F** Germ maker
- G** Germ fighter
- H** Oxygen carrier
- J** Food eater

- 7** To help your body develop immunity to polio, measles, and other diseases, what might your doctor give you?
- A** White blood cells
 - B** Red blood cells
 - C** Antibiotics
 - D** Vaccines
- 8** The dermis has a padding of fat underneath it. What is one way that this padding of fat helps the body?
- F** The fat keeps water outside.
 - G** The fat keeps heat inside, helping the body stay warm.
 - H** The fat senses temperature changes.
 - J** The fat makes sweat to cool the skin.
- 9** Why does rubbing sunscreen into your skin help keep you safe in the sun?
- A** Sunscreen keeps water inside your body.
 - B** Sunscreen stops water from entering your body.
 - C** Sunscreen stops all sunlight from reaching your skin, so you don't get too hot in the sun.
 - D** Sunscreen stops ultraviolet rays from reaching your skin.

Use the chart to answer Questions 10 and 11

Five Ways the Body Protects Itself from Germs

Part	Protection
Eyes	Tears wash germs away
Ears	Earwax traps germs
Nose	Mucus and hairs trap germs
Skin	Covers the body. Keeps germs from entering the body.
Stomach	Acid kills germs that enter with food.

- 10** Where in the body are germs trapped?
- F** Just below the skin
 - G** Inside the stomach
 - H** Inside the ears and nose
 - J** On the outside of the ears and nose
- 11** What conclusion can be drawn from the information in the chart?
- A** The stomach is the most important part for protecting the body from germs.
 - B** The body protects itself from germs in many different ways.
 - C** People should boil food to kill germs in the food.
 - D** People should clean the earwax from their ears.

- 12** What is the role of the immune system?
- F** To attack red blood cells.
 - G** To attack white blood cells.
 - H** To attack germs and harmful particles, such as smoke and dust.
 - J** To remove waste products from the body.
- 13** How does smog affect the air people need to breathe?
- A** Smog makes the air safe to breathe.
 - B** Smog pollutes the air.
 - C** Smog has no effect on the air we breathe.
 - D** Smog makes the air clean.

ANSWER KEY and CORRELATIONS:

Question	Answer	McGraw-Hill Science
1	A	p. 388
2	H	p. 390
3	C	p. 389
4	J	p. 388
5	C	p. 399
6	G	p. 400
7	D	p. 404
8	G	p. 391
9	D	p. 395
10	H	p. 398
11	B	p. 398
12	H	p. 406
13	B	p. 406