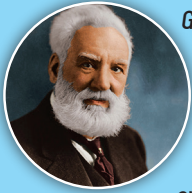


Read the text and answer the question.

1.



Graham Bell was an American scientist. He worked with deaf people. He wanted to help them. So, he worked on a device to transmit telegraph messages over a single wire at the same time.

In 1876, he invented a device to send sound waves over a cable. His first words on this device was "Mr. Watson, come here; I want you". We still use his device everywhere in the world.

Which option shows the invention of Graham Bell?

A)



B)



C)



D)



Read the conversation and answer the question.

2. **Patrick** : - - - - ?

Juliana : I think it's the discovery of the Internet.
People now can find any information using the World Wide Web.

Which option completes the conversation above?

- A) What was the most important scientific development in 19th century
- B) When was the Internet invented
- C) What are the advantages of using the Internet in our daily lives
- D) What's the most important scientific achievement for you

Read the text, look at the visuals and answer the question.

3. Hi. My name is Sarah and these are my friends. They are now in the lab.



Scarlet



Nina and Anna



Jack, Lucas and Clara



Ryan and Lilly

Which of the following is NOT correct according to the information above?

- A) Scarlet is examining cells under a microscope.
- B) Nina and Anna are studying on a DNA model.
- C) Jack, Lucas and Clara are doing research.
- D) Ryan and Lilly are conducting an experiment.

Read the text and answer the question.

4.



Felix Hoffmann was born in Germany in 1868. He was a chemist. He studied on chemistry and conducted many experiments about pain. He soon discovered aspirin. People now use aspirin to relive pain and headache.

Which of the following can be Felix Hoffmann's speech bubble?

- A) Disabled people couldn't walk, so I designed a device for them.
- B) I worked in the fields and found many new fossils.
- C) My father had headaches, so I wanted to develop a medicine for him.
- D) I worked on cosmology and astronomy and I improved the old telescope.

Read the text, look at the poster and answer the question.

8.

Science FAIR

- Are you interested in Science?
- Do you want to learn more about new inventions and discoveries?
- What about joining us at the Science Fair?

Place : University Of New York
Date : 3 November
Contact : sciencefair@nyu.com

According to the information above, which of the following fields is NOT related to the fair?

- A) Philosophy B) Medicine
 C) Astronomy D) Chemistry

Read the text and answer the questions 9 - 10.



Charles Martin Hall was an American inventor, businessman and chemist. He was born on December 6, 1863 in Ohio, the USA. He had interest in chemistry and invention. When he was a teenager, he conducted experiments in the kitchen with her sister, Julia Brainerd Hall. With her help, Charles discovered a cheap way of producing aluminum foil in 1886. He got his first patent in the same year. He founded Aluminum Company of America [Alcoa] in the USA. Charles Martin Hall died on December 27, 1914, but his company is still producing tons of aluminum foil every year and people still use it in many areas of the modern World.

9. Which of the following questions does NOT have an answer in the text above?

- A) Where was Charles Martin Hall born?
 B) Who discovered aluminum foil?
 C) When was aluminum foil discovered?
 D) How many awards did Charles Martin Hall get?

10. Which of the following is CORRECT according to the information above?

- A) Charles Martin Hall was the founder of Alcoa.
 B) Aluminum foil was first patented in 1863.
 C) After the death of Charles Martin Hall, Alcoa closed down.
 D) Now, we don't use aluminum foil in the modern World.