

Test

Timing: 2 hours / S.M + S.ECO
Date: 23/10/2010

Academic year: 10/11
Level: 2nd year baccalaureate
1st semester

Name:
Class:

Sarah is a young inventor. Since she was little girl, she had many ideas to put into practice. But she never had the chance to do so. As she grew up, she did not give up her natural curiosity towards the world. With the establishment of scientific clubs in public schools, she finally had the chance to try out creative ideas and transform them into remarkable inventions.

When she was 16, she invented a new kind of glue out of simple materials. "I tried the new glue on iron, wood, glass and carpet; it worked wonderfully," Sarah says.

The new glue is made of cork and benzene. "The idea is originally not mine," Sarah says. "I was talking to a relative of mine who is a college graduate when she told me, by chance, that in the past our grandparents used cork and benzene to glue things together," she adds. "I liked the idea and reported my desire to experiment with it to my teachers in the scientific club in my school. In the laboratory, Mrs Rabii helped me out with mixing the two materials together. She was afraid that there would be a chemical reaction that might hurt me," Sarah explains.

One good benefit of the new glue is that it costs almost nothing. Moreover, it is environment-friendly. She hopes that a businessman would sponsor the idea one day and build a factory that produces this glue.

Sarah is 17 years old now and is in the eleventh grade. She is in the scientific section. "I chose it because I like science and mathematics; and I dislike history," Sarah says. Her grades fall between 100 and 95 out of 100, with an exception to English. "My grade is acceptable but it is not that good; that's why, I signed up for an English course last summer," says Sarah

Sarah believes that everyone is gifted in something. And for anyone who feels talented, she advises them to work hard, not to give up and to share their talents with their friends and anybody who might help them.

COMPREHENSION (15PTS)

BASE ALL YOUR ANSWERS ON THE TEXT

A- Fill in the chart with the right information from the text. (3pts)

| Sarah's invention | |
|--------------------|-------|
| Origin of the idea | |
| Advantage 1 | |
| Advantage 2 | |

B- Are these statements true or false? Justify. (4pts)

1. Sarah's experiment with glue was successful.

2. The glue is now produced in a factory.

3. Sarah excels at all school subjects.

4. Sarah needed extra lessons for English.

C- Answer these questions: (4pts)

1. How did scientific clubs help Sarah?

2. When did Sarah try the new glue?

3. Why did Mrs. Rabii help Sarah?

4. What would Sarah like the others to do?

D- What do the underlined words in the text refer to? (3pts)

1. The two materials:

2. It:

