

St. Andrews Scots Sr. Sec. School

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Session: 2024-2025 - Worksheet

Class: X

Subject: English

Topic: Reading Skills

Worksheet No.-6

Q. Read the text carefully and answer the questions:

1. Marie Curie was one of the most accomplished scientists in history. Together with her husband, Pierre, she discovered radium, an element widely used for treating cancer and studied uranium and other radioactive substances. Pierre and Marie's amicable collaboration later helped to unlock the secrets of the atom.

2. Marie was born in 1867 in Warsaw, Poland, where her father was a professor of physics. At an early age, she displayed a brilliant mind and a blithe personality. Her great exuberance for learning prompted her to continue with her studies after high school. She became disgruntled, however, when she learned that the university in Warsaw was closed to women. Determined to receive a higher education, she defiantly left Poland and in 1891 entered the Sorbonne, a French university, where she earned her master's degree and doctorate in physics.

3. Marie was fortunate to have studied at the Sorbonne with some of the greatest scientists of her day, one of whom was Pierre Curie. Marie and Pierre were married in 1895 and spent many productive years working together in the physics laboratory. A short time after they discovered radium, Pierre was killed by a horse drawn wagon in 1906. Marie was stunned by this horrible misfortune and endured heartbreaking anguish. Despondently, she recalled their close relationship and the joy that they had shared in scientific research. The fact that she had two young daughters to raise by herself greatly increased her distress.

4. Curie's feeling of desolation finally began to fade when she was asked to succeed her husband as a physics professor at the Sorbonne. She was the first woman to be given a professorship at a world famous university. In 1911, she received the Nobel Prize in chemistry for isolating radium. Although Marie Curie eventually suffered a fatal illness from her long exposure to radium, she never became disillusioned about her work. Regardless of the consequences, she had dedicated herself to science and to revealing the mysteries of the physical world.

Answer the following questions:

1. According to the author, what made Marie Curie the ever existing name in the world of science?

2. What message does the phrase 'she never became disillusioned about her work' convey?

3. What qualities did Pierre and Marie show when they worked together? Choose one option from the following:

a. incompatibility.

b. envy

c. camaraderie.

d. Jealousy



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4. Select the option with the underlined words that can suitably replace 'desolation' (paragraph IV).

- a. She was in gloom when her father left her all alone..
- b. Riya was so elated to know that she passed the test.
- c. The teacher was so strict while invigilating in the exam hall.
- d. Mohan is a destitute boy who keeps worrying about his future all the time.

5. Marie had a 'blithe' personality. Substitute the word 'blithe' in ONE WORD.

6 Identify the qualities of Marie Curie, according to the given passage.

(1) determined

(2) brilliant

(3) carefree

(4) quarrelsome

(5) immoral

- a. (1), (2), (3). b. (4) and (5). c. (1).(4)and (5). d. (2)and (3)

7. Identify the tone in the given phrase 'Marie was stunned by this horrible misfortune'.

8. Choose the option that lists the quote best expressing the central idea of the given passage.

- a. The backbone of success is hard work, determination and perseverance.
- b. Do not stop working; work is the only key to success.
- c. Nothing grows but honesty and hard work.
- d. Hard work pays off.

