



Women History Month

ALICE BALL

Reading Comprehension



COMPREHENSION QUESTIONS

NAME: _____

DATE: _____

DIRECTIONS: CHOOSE THE CORRECT ANSWER.

1. When was Alice Ball born?
- a) July 24, 1891
 - b) July 24, 1892
 - c) July 24, 1900
 - d) July 24, 1901

2. What disease did Alice Ball treat?
- a) Tuberculosis
 - b) Polio
 - c) Leprosy
 - d) Influenza

3. What is the "Ball Method"?
- a) A method for synthesizing compounds
 - b) A treatment for leprosy
 - c) A diagnostic tool for leprosy
 - d) A vaccine for influenza

4. In what form did Alice Ball's compounds exist?
- a) Liquid form
 - b) Solid form
 - c) Gaseous form
 - d) Ethyl ester form

5. How did Alice Ball's method impact leprosy treatment?
- a) It made the treatment more accessible and effective.
 - b) It made the treatment more expensive.
 - c) It made the treatment more dangerous.
 - d) It had no impact on leprosy treatment.

REHENSION QUESTIONS

ALICE BALL



As we continue our exploration of Women's History Month, we turn our attention to Alice Ball, a groundbreaking chemist and medical pioneer who made significant contributions to the treatment of leprosy. Born on July 24, 1892, in Seattle, Washington, Alice Ball's achievements have left an enduring impact on the field of chemistry and medicine.

Alice Ball's most notable contribution was her development of the "Ball Method," an effective treatment for leprosy, also known as Hansen's disease. In the early 20th century, leprosy was a devastating and stigmatized disease with no known cure. Ball's innovative approach involved isolating and synthesizing the active compounds from the chaulmoogra tree, which had been used traditionally in parts of Asia to treat leprosy.

Ball's method involved creating an injectable, ethyl ester form of the compounds, making the treatment more accessible and effective. Her groundbreaking work revolutionized the approach to leprosy treatment and brought hope to countless individuals suffering from the disease.

Tragically, Alice Ball's life was cut short at the age of 24 due to illness, much of her pioneering work was initially overshadowed. However, her contributions were later recognized and continued by other researchers, ensuring the lasting impact of the Ball Method in the fight against leprosy.

Learning about Alice Ball, the historic individuals in the face

As we commemorate the transformative power of scientific innovation and the

NO-PREP

READING PASSAGES WITH TEXT DEPENDENT QUESTIONS

Ready to Print

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Learning about Alice Ball offers insights into the intersections of chemistry and medicine, the historical context of disease treatment, and the resilience of individuals in the face of challenges.

As we commemorate Women's History Month, Alice Ball's legacy serves as a poignant reminder of the transformative power of scientific innovation and the lasting contributions individuals can make to improve the lives of others.

COMPREHENSION QUESTIONS

- What traditional remedy did Alice Ball draw upon for her leprosy treatment?
 - Willow bark
 - Eucalyptus leaves
 - Chaulmoogra tree
 - Ginseng root
- How did Alice Ball's life come to an end?
 - Accidental injury
 - Old age

ANSION QUESTIONS

DATE: _____

THE CORRECT ANSWER.

orn?

be Ball focus on in her medical research?

her contributions?

sized
re her death

Alice Ball's story?

ANSWERS

1. b) July 24, 1892
2. a) Leprosy
3. a) A method for synthesizing chaulmoogra tree compounds
4. d) Ethyl ester form
5. a) It made the treatment more accessible
6. a) Chaulmoogra tree
7. c) Illness
8. b) 24
9. b) They were initially overshadowed but later recognized
10. c) The intersections of chemistry and medicine

- In what form did Alice Ball create the compounds for leprosy treatment?
 - Liquid form
 - Solid form
 - Gaseous form
 - Ethyl ester form

- How did Alice Ball's method impact the accessibility of leprosy treatment?
 - It made the treatment more expensive
 - It made the treatment less effective
 - It made the treatment more accessible
 - It had no impact on accessibility

READING COMPREHENSION

CLOSE READING GRAPHIC ORGNIZERS INCLUDED

GROUP ACTIVITY

TITLE OF TEXT _____

WHAT I THINK _____

ANNOTATING MARKS

- ✓ Circle powerful words or phrases.
- ✓ Underline words or phrases you do not understand.
- ✓ Place a question mark next to words or phrases that make you think.
- ✓ Write an example of something like this.

SUMMARIZE

Write a summary of the passage. The main idea should be stated in your first sentence. Then use the four details to write four supporting sentences. Close your summary by restating the main idea.

NAME: _____

MAIN IDEA

NAME: _____

TITLE OF TEXT _____

MAIN IDEA _____

SUPPORTING DETAILS #1 _____

SUPPORTING DETAILS #2 _____

SUPPORTING DETAILS #3 _____

VOCABULARY GRAPHIC ORGNIZER

NAME: _____

TITLE OF TEXT _____

UNKNOWN WORD _____

CLUES FROM TEXT & MEANING _____

UNKNOWN WORD _____

CLUES FROM TEXT & MEANING _____

UNKNOWN WORD _____

CLUES FROM TEXT & MEANING _____