

Name \_\_\_\_\_ Date \_\_\_\_\_



## BASICS OF CHEMISTRY QUIZ

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1. What is chemistry?

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2. Why is the study of chemistry important?

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3. What are some applications of chemistry in our everyday life?

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4. State any 3 branches or subdivisions of chemistry

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5. Why is chemistry often referred to as the "central science"?

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6. Which of the following doesn't describe a job that a professional chemist can perform?

- A. Developing new products such as fertilizers.
- B. Helping protect the environment by reducing pollution.
- C. Performing life-saving medical procedures.
- D. Performing quality control in manufacturing.

7. Circle the letter of each sentence that describes the reasons why chemists conduct experiments on matter:

- I. To determine the composition of matter or chemical substances that make up a particular object.
- II. To observe how the chemicals in substances behave under different conditions.
- III. To predict future weather patterns based on chemical reactions.
- IV. To understand how different substances in a particular object interact.
- V. To investigate how different substances in a particular object can be separated.

8. Reflect on how an understanding of chemistry can enhance your daily life and decision-making processes.

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