

# 2014 waec sample question and answer for chemistry

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Understanding Chemistry: Questions and Answers\*\*

**What are some good chemistry questions and answers?**

- **Question:** What is the molar mass of glucose?
  - **Answer:** 180.16 g/mol
  
- **Question:** How do you calculate the concentration of a solution?
  - **Answer:** Concentration = moles of solute / volume of solution (in liters)
  
- **Question:** What is the pH of a solution with a  $[H^+]$  concentration of  $10^{-7}$  M?
  - **Answer:** 7 (neutral)

**How many questions do you answer in Waec chemistry?**

- In the West African Examinations Council (WAEC) Chemistry exam, candidates typically answer 20-25 questions.

**What topics are covered in chemistry that comes out in Waec?**

- Major topics covered include:
  - Stoichiometry
  - Chemical Bonding
  - Redox Reactions
  - Equilibrium and Kinetics
  - Organic Chemistry
  - Physical Chemistry

### **How to answer chemistry questions?**

- Read the question carefully.
- Identify the key information.
- Use appropriate formulas and equations.
- Show your work and reasoning.
- Use precise and clear language.

### **How to easily pass chemistry?**

- Attend classes regularly and actively participate.
- Study consistently and review material regularly.
- Practice solving problems and answering questions.
- Seek help from teachers or tutors when needed.

### **What is the hardest question in chemistry?**

This depends on individual abilities, but some challenging questions include:

- **Question:** Explain the mechanism of catalysis by enzymes.
- **Question:** Predict the products of a complex organic reaction.
- **Question:** Derive the equilibrium constant expression for a non-ideal gas reaction.

### **What is the pass mark in WAEC?**

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- The pass mark for WAEC Chemistry is typically around 40%.

### **Is the chemistry exam hard?**

- The difficulty of the exam can vary from year to year, but it generally requires a good understanding of the concepts and ability to apply them.

### **How to pass chemistry practical?**

- Follow instructions carefully.
- Handle equipment with care.
- Record observations accurately.
- Draw diagrams and write clear conclusions.

### **What is the main subject in chemistry?**

- The main subject in chemistry is the study of matter and its properties.

### **What subjects can you pass in WAEC?**

- Core subjects: English Language, Mathematics
- Elective subjects: Science subjects (Biology, Chemistry, Physics), Arts subjects (History, Geography, Literature, etc.)

### **What subjects are needed for chemistry?**

- Mathematics
- Physics
- Biology

### **How to solve chemistry fast?**

- Identify the type of question.
- Use relevant formulas and equations.
- Estimate or guess if necessary.
- Check your answer.

### **What is chemistry best answer?**

There is no one "best answer" in chemistry, as the subject involves a wide range of concepts and applications.

### **How to pass chemistry questions and answers?**

- Understand the concepts behind the questions.
- Practice answering a variety of questions.
- Seek feedback and correct mistakes.

### **How can I memorize chemistry easily?**

- Use flashcards or notes.
- Create visual aids.
- Teach the concepts to someone else.
- Make connections to real-world examples.

### **What is the most effective way to study chemistry?**

- Attend classes and take notes.
- Read the textbook and review material regularly.
- Practice solving problems and answering questions.
- Participate in discussions and ask questions.

### **How to teach yourself chemistry?**

- Find resources such as textbooks, online videos, and tutorials.
- Set realistic goals and create a study schedule.
- Practice solving problems and ask questions for clarification.

### **What are basic chemistry questions?**

- **Question:** What is the difference between an atom and a molecule?
- **Question:** How do you balance a chemical equation?

- **Question:** What is the oxidation state of nitrogen in NO<sub>2</sub>?

#### **What website can answer chemistry questions?**

- Socratic
- Quora
- Chemistry Stack Exchange

#### **Who is known as father of chemistry?**

- Antoine Lavoisier

#### **What are the big questions in chemistry?**

- What is the origin of the universe?
- How can we create new materials with desired properties?
- How do chemical reactions occur in biological systems?

#### **What are some good questions for chemical reactions?**

- **Question:** Predict the products of the reaction between NaOH and HCl.
- **Question:** Explain the difference between exothermic and endothermic reactions.
- **Question:** Describe the role of catalysts in chemical reactions.

#### **What are the 5 basic chemistry?**

- General Chemistry
- Organic Chemistry
- Inorganic Chemistry
- Biochemistry
- Analytical Chemistry

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