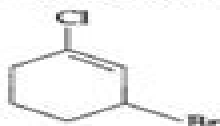


* Choose The Right Answer From The Given Options.[1 Marks Each]

[12]

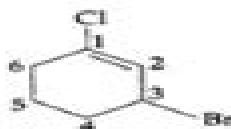
1. The IUPAC name of the compound shown below is:



- (A) 6-bromo-2-chlorocyclohexene
(C) 2-bromo-6-chlorocyclohex-1-ene

- (B) 3-bromo-1-chlorocyclohexene
(D) 1-bromo-3-chlorocyclohexene

Ans. : (b) 3-bromo-1-chlorocyclohexene



Explanation:

IUPAC name: 3-bromo 1-chlorocyclohexene

2. Cheilosis is caused by deficiency of

- (A) Vitamin B₆ (B) Vitamin B₂ (C) Vitamin C (D) Vitamin B₁₂

Ans. : (b) Vitamin B₂

Explanation: Deficiency of Vitamin B₂ (Riboflavin) results in Cheilosis (fissuring at corners of mouth and lips).

3.

The correct IUPAC name of



is

- (A) 2-Methylbutan-2-ol (B) 3-Methylbutan-3-ol
(C) 2,2-Dimethylpropanol (D) tert-butyl alcohol

Ans. : (a) 2-Methylbutan-2-ol

Explanation: The correct IUPAC name of



is 2-Methylbutan-2-ol

4.



The structure of A and type of isomerism in the above reaction are respectively.

- (A) Prop-2-en-2-ol, geometrical isomerism
(B) Prop-1-en-2-ol, metamerism

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1. Understanding the eBook How To Answer Chemistry Paper 3
 - The Rise of Digital Reading How To Answer Chemistry Paper 3
 - Advantages of eBooks Over Traditional Books
2. Identifying How To Answer Chemistry Paper 3
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an How To Answer Chemistry Paper 3
 - User-Friendly Interface
4. Exploring eBook Recommendations from How To Answer Chemistry Paper 3
 - Personalized Recommendations
 - How To Answer Chemistry Paper 3 User Reviews and Ratings

- How To Answer Chemistry Paper 3 and Bestseller Lists
- 5. Accessing How To Answer Chemistry Paper 3 Free and Paid eBooks
 - How To Answer Chemistry Paper 3 Public Domain eBooks
 - How To Answer Chemistry Paper 3 eBook Subscription Services
 - How To Answer Chemistry Paper 3 Budget-Friendly Options
- 6. Navigating How To Answer Chemistry Paper 3 eBook Formats
 - ePub, PDF, MOBI, and More
 - How To Answer Chemistry Paper 3 Compatibility with Devices
 - How To Answer Chemistry Paper 3 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of How To Answer Chemistry Paper 3
 - Highlighting and Note-Taking How To Answer Chemistry Paper 3
 - Interactive Elements How To Answer Chemistry Paper 3
- 8. Staying Engaged with How To Answer Chemistry Paper 3
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers How To Answer Chemistry Paper 3
- 9. Balancing eBooks and Physical Books How To Answer Chemistry Paper 3
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection How To Answer Chemistry Paper 3
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine How To Answer Chemistry Paper 3
 - Setting Reading Goals How To Answer Chemistry Paper 3
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of How To Answer Chemistry Paper 3
 - Fact-Checking eBook Content of How To Answer Chemistry Paper 3
 - Distinguishing Credible Sources

13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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