

S.S.C. PUBLIC EXAMINATIONS - 2024

GENERAL SCIENCE - PAPER-I (Physical Science) MODEL PAPER

Time : 2 hrs

(English Version)

Max. Marks : 50

Instructions :

- 1) Question paper consists of 4 sections and 17 questions.
- 2) Internal choice is available only for Q.no.12 in section III and for all the questions in section IV.
- 3) In the duration of 2 hours, 15 minutes of time is allotted to read the question paper.
- 4) All answers shall be written in the answer booklet only.
- 5) Answers shall be written neatly and legibly.

SECTION - I

$8 \times 1 = 8 \text{ M}$

- Note : 1) Answer **ALL** the questions.
2) Each question carries 1 mark.

1. Convert 25°C into Kelvin scale.
2. Give an example for olfactory indicator.
3. From the data given in the table :
In which material medium light travels faster?

Material Medium	Air	Ice	Water	Diamond
Refractive Index	1.003	1.31	1.33	2.43

4.  Which material medium is denser in the given figure?

5. Draw a neat diagram of the shape of biconvex lens.
6. **Assertion 1** : Sky appears in blue colour due to the scattering of light.
Assertion 2 : Blue colour has the longest wavelength among all colours of white light.
A) Both the Assertions are true B) Both the Assertions are false
C) Only Assertion 1 is true D) Only Assertion 2 is true
7. Imagine and write the element that exists in 1 group 1 period.
8. How do you appreciate the role of soap in daily life ?

Physical Science Paper Exemplar 2memorandum

Patrick Vollmar



Physical Science Paper Exemplar 2memorandum:

The Top Books of the Year Physical Science Paper Exemplar 2memorandum The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous engrossing novels enthralling the hearts of readers worldwide. Lets delve into the realm of bestselling books, exploring the engaging narratives that have captivated audiences this year. The Must-Read : Colleen Hoover's "It Ends with Us" This heartfelt tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover expertly weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can prevail. Uncover the Best : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This intriguing historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids absorbing storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Physical Science Paper Exemplar 2memorandum : Delia Owens "Where the Crawdads Sing" This captivating coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens crafts a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These top-selling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of engaging stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a masterful and suspenseful novel that will keep you guessing until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

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Table of Contents Physical Science Paper Exemplar 2memorandum

1. Understanding the eBook Physical Science Paper Exemplar 2memorandum
 - The Rise of Digital Reading Physical Science Paper Exemplar 2memorandum
 - Advantages of eBooks Over Traditional Books
2. Identifying Physical Science Paper Exemplar 2memorandum
 - 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 Physical Science Paper Exemplar 2memorandum
 - User-Friendly Interface
4. Exploring eBook Recommendations from Physical Science Paper Exemplar 2memorandum
 - Personalized Recommendations
 - Physical Science Paper Exemplar 2memorandum User Reviews and Ratings
 - Physical Science Paper Exemplar 2memorandum and Bestseller Lists
5. Accessing Physical Science Paper Exemplar 2memorandum Free and Paid eBooks
 - Physical Science Paper Exemplar 2memorandum Public Domain eBooks
 - Physical Science Paper Exemplar 2memorandum eBook Subscription Services
 - Physical Science Paper Exemplar 2memorandum Budget-Friendly Options
6. Navigating Physical Science Paper Exemplar 2memorandum eBook Formats
 - ePub, PDF, MOBI, and More
 - Physical Science Paper Exemplar 2memorandum Compatibility with Devices
 - Physical Science Paper Exemplar 2memorandum Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Physical Science Paper Exemplar 2memorandum
 - Highlighting and Note-Taking Physical Science Paper Exemplar 2memorandum
 - Interactive Elements Physical Science Paper Exemplar 2memorandum
8. Staying Engaged with Physical Science Paper Exemplar 2memorandum

- Joining Online Reading Communities
- Participating in Virtual Book Clubs
- Following Authors and Publishers Physical Science Paper Exemplar 2memorandum
- 9. Balancing eBooks and Physical Books Physical Science Paper Exemplar 2memorandum
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Physical Science Paper Exemplar 2memorandum
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Physical Science Paper Exemplar 2memorandum
 - Setting Reading Goals Physical Science Paper Exemplar 2memorandum
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Physical Science Paper Exemplar 2memorandum
 - Fact-Checking eBook Content of Physical Science Paper Exemplar 2memorandum
 - 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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