

**Test Paper**
**Class 6<sup>th</sup>**
**Time: 60 min**
**Maximum Marks: 45**
**Subject: Science**
**Course: Integrated**
**Student Name: \_\_\_\_\_**
**Centre Name: \_\_\_\_\_**
**Instructions:**

- This paper consists three sections A, B and C.
- Marks are written in front of Questions.
- Section A (Physics) consists of 6 question which are as follows from 1 to 3 Single Choice Questions, 4 Very Short Answer Type Question, 5 Short Answer Type Question and 6 Long Answer Type Question.
- Section B (Chemistry) consists of 6 question which are as follows from 7 to 9 Single Choice Questions, 10 Very Short Answer Type Question, 11 Short Answer Type Question and 12 Long Answer Type Question.
- Section C (Biology) consists of 6 question which are as follows from 13 to 15 Single Choice Questions, 16 Very Short Answer Type Question, 17 Short Answer Type Question and 18 Long Answer Type Question.

**Section – A**
**(Physics)**
**Single Choice Questions**

- (1) Which branch of physics deals with the study of charges which are not moving? [2]  
 (A) Dynamic electricity (B) Electrostatics  
 (C) Both (A) and (B) (D) None of these
- (2) 1 milli-coulomb is equal to: [2]  
 (A)  $10^{-3}$  C (B)  $10^{-6}$  C  
 (C)  $10^{-9}$  C (D) None of these
- (3) The direction of electric current is: [2]  
 (A) from positive terminal to negative terminal  
 (B) opposite to the direction of the flow of electrons  
 (C) both a and b  
 (D) None of these

**Very Short Answer Type Questions**

- (4) How much charge is present on one electron and proton? [2]

**Short Answer Type Questions**

- (5)  $2 \times 10^{20}$  electrons are flowing through a conducting wire in 10 seconds. Find the amount of current flowing through the conducting wire. [3]

**Long Answer Type Questions**

- (6) Draw neat and clean circuit diagrams of an open circuit and closed circuit which have a key, bulb, and battery connected with the help of connecting wires. [4]

**Section – B**
**(Chemistry)**
**Single Choice Questions**

- (7) In our atmosphere, which components of the air are present in the largest amount? [2]  
 (A) Nitrogen (B) Water vapor  
 (C) Oxygen (D) Carbon dioxide

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**Ying Liu**



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### **Table of Contents Fa3 Science Sample Paper**

1. Understanding the eBook Fa3 Science Sample Paper
  - The Rise of Digital Reading Fa3 Science Sample Paper
  - Advantages of eBooks Over Traditional Books
2. Identifying Fa3 Science Sample Paper
  - 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 Fa3 Science Sample Paper
  - User-Friendly Interface
4. Exploring eBook Recommendations from Fa3 Science Sample Paper
  - Personalized Recommendations
  - Fa3 Science Sample Paper User Reviews and Ratings

- Fa3 Science Sample Paper and Bestseller Lists
- 5. Accessing Fa3 Science Sample Paper Free and Paid eBooks
  - Fa3 Science Sample Paper Public Domain eBooks
  - Fa3 Science Sample Paper eBook Subscription Services
  - Fa3 Science Sample Paper Budget-Friendly Options
- 6. Navigating Fa3 Science Sample Paper eBook Formats
  - ePub, PDF, MOBI, and More
  - Fa3 Science Sample Paper Compatibility with Devices
  - Fa3 Science Sample Paper Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Fa3 Science Sample Paper
  - Highlighting and Note-Taking Fa3 Science Sample Paper
  - Interactive Elements Fa3 Science Sample Paper
- 8. Staying Engaged with Fa3 Science Sample Paper
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Fa3 Science Sample Paper
- 9. Balancing eBooks and Physical Books Fa3 Science Sample Paper
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Fa3 Science Sample Paper
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Fa3 Science Sample Paper
  - Setting Reading Goals Fa3 Science Sample Paper
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Fa3 Science Sample Paper
  - Fact-Checking eBook Content of Fa3 Science Sample Paper
  - 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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web  $v \cdot v = 0$  gambar 5 3 x 0 x l persamaan schrödinger untuk bila  $v \cdot x = 0$  identik dengan persamaan 2 1 sehingga memiliki pemecahan yang sama yakni dengan pemecahan ini belum lengkap karena kita belum menentukan a dan b juga belum menghitung nilai energy e yang diperkenankan

