

HALF YEARLY EXAMINATION, 2023-24
SUBJECT : SCIENCE
CLASS - IX

TIME: 3 hrs.

MM: 80

General Instructions

- The question paper has five sections and 39 questions.
- All questions are compulsory.
- Section A has 20 questions of 1 mark each; Section B has 6 questions of 2 marks each; Section C has 7 questions of 3 marks each; Section D has 3 questions of 5 marks each and Section-E has 3 questions of 4 marks each.
- There is no overall choice.

SECTION - A

- The shortest distance measured from the initial to the final position of an object is known as :-
a) it's displacement
b) it's distance
c) it's velocity
d) none of these
- On the basis of chemical composition , substance can be classified as?
a) Element
b) Compound
c) Both a and b
d) None of the above
- Sol and gel are examples of
a) Solid-solid colloids
b) Sol is a solid-liquid colloid and gel is liquid solid colloid
c) Sol is solid-solid colloid and gel is solid-liquid colloid
d) Sol is a liquid-solid colloid and gel is a solid-liquid colloid
- A cricket player catches a ball of mass 0.1 kg, moving with a speed 10 m/s in 0.1 second. Force exerted by him is
a) 4
b) 2
c) 1
d) 10
- Two chemical species X and Y combine together to form a product P which contains both X and Y
 $X + Y \rightarrow P$
X and Y cannot be broken down into simpler substances by simple chemical reactions. Which of the following concerning the species X, Y and P are correct ?
i. P is a compound
ii. X and Y are compounds
iii. X and Y are elements
iv. P has a fixed composition
a) (i), (ii) and (iii)
b) (i), (iii) and (iv)
c) (ii), (iii) and (iv)

Science Half Yearly Exam Question Paper

Disha Experts



Science Half Yearly Exam Question Paper:

CBSE Class 12 Data Science Previous Years Solved Question Papers Manish Soni, 2024-11-13 We are pleased to present the CBSE Data Science Class 12 Solved Papers for the academic years compiled under subject code 844 This book is designed to be an invaluable resource for students preparing for their board exams offering a collection of actual CBSE exam papers along with detailed solutions crafted by subject matter experts As Data Science continues to evolve as a critical field of study it demands not only a strong grasp of theoretical concepts but also the ability to apply this knowledge in practical scenarios This book aims to bridge the gap between theory and practice by providing students with real exam questions and step by step solutions that align with the CBSE marking scheme

Key Features of This Book

- Authentic Exam Papers** The book includes the exact question papers from the CBSE board exams of 2023 and 2024 ensuring that students have access to the most current and relevant material
- Comprehensive Solutions** Each question is solved in detail providing clear explanations and guiding students on how to approach different types of problems effectively
- Marking Scheme Insights** Solutions are aligned with the official CBSE marking scheme offering students a clear understanding of how marks are allocated which helps them focus on key areas to maximize their scores
- Exam Strategy and Tips** The book includes strategic advice on time management common mistakes to avoid and tips on how to present answers to score higher marks
- Thorough Syllabus Coverage** Every major topic within the Data Science syllabus is covered making this book a comprehensive tool for exam preparation

This collection of solved papers is intended to serve as both a practice tool and a guide for students aiming to achieve excellence in their CBSE Data Science exams By working through these papers students will not only enhance their understanding of the subject but also gain the confidence needed to excel in the examination hall We hope this book will be an essential companion in your journey toward academic success providing you with the tools and insights necessary to master the subject of Data Science We wish all students the very best in their preparations and in their forthcoming exams We believe that this book will be an invaluable resource for Class 12 students as they prepare for their Data Science board exams By diligently working through these unsolved papers students will not only improve their exam performance but also deepen their understanding of Data Science laying a strong foundation for future studies and careers in this rapidly evolving field We wish all students the best of luck in their exams and hope that this book serves as a crucial tool in their academic journey

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solving skills allowing them to assess their readiness and identify areas where further study is needed

Key Features of the Book

Authentic Exam Papers This book includes the actual question papers from the CBSE board exams of 2023 and 2024 ensuring that students are exposed to the most relevant and up to date material

Real Exam Experience By working through these unsolved papers students can simulate the conditions of the actual exam helping them build confidence and improve their time management skills

Comprehensive Coverage The papers cover all key topics within the Data Science syllabus providing thorough practice across the subject

Answer Writing Practice The unsolved nature of the papers encourages students to develop their answer writing techniques which is crucial for scoring high marks

Critical Thinking and Problem Solving These papers are designed to enhance students critical thinking and problem solving abilities by presenting a wide range of question types and complexities

Perfect for Revision This book serves as an ideal tool for last minute revision helping students to reinforce their knowledge and refine their exam strategies

Self Assessment and Improvement Students can use these papers to self assess their progress and identify areas where they need to focus more attention

We believe that this book will be an invaluable resource for Class 12 students as they prepare for their Data Science board exams

By diligently working through these unsolved papers students will not only improve their exam performance but also deepen their understanding of Data Science laying a strong foundation for future studies and careers in this rapidly evolving field

We wish all students the best of luck in their exams and hope that this book serves as a crucial tool in their academic journey

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