

EDExcel IGCSE CHEMISTRY

REVISION GUIDE ANSWERS

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How do you get an A* in chemistry IGCSE?

How to get a 9 in IGCSE chemistry?

How hard is chemistry in IGCSE? IGCSE Chemistry is a multifaceted subject, combining theoretical concepts with practical knowledge, rendering it challenging for many students. It involves a detailed study of matter, its properties, composition, and the changes it undergoes during chemical reactions.

How to prepare for IGCSE chemistry exam? When revising for the IGCSE Chemistry exam, focus on key areas such as chemical reactions, organic chemistry, the periodic table, and chemical compounds. Understanding these topics will provide a strong foundation for answering a variety of questions on the exam.

Is 80% an A in Igcse? A (80-89%): Excellent performance. B (70-79%): Good performance. C (60-69%): Satisfactory performance. D (50-59%): Fair performance.

Is 7 an A in Igcse? Universities equate A to a grade 7, as the grade thresholds are identical. For highly-competitive courses, some International university admissions offices state that they would expect successful applicants to have As and A*s at IGCSE. Under the 9-1 grading system, 7, 8 and 9 would be seen as equivalent.

What is 90% in Igcse? The grading system in IGCSE is based on a scale from A* to G, with A* representing the highest level of achievement. Scoring 90 percent corresponds to achieving an A* grade, which is an outstanding accomplishment.

Is it hard to get all 9s in Igcse? The GCSE curriculum is demanding, and students must have strong motivation, excellent time-management skills, and a good study plan. In conclusion, getting all 9s in GCSE is possible, but it is a challenging goal that requires hard work, dedication, and perseverance.

How many people get all 9s in Igcse? This year, 2,193 students achieved all grade 9s. This is a 40 per cent drop from last year – when a staggering 3,606 students got the full flush. In 2020, 2,645 achieved straight 9s.

How do you get an A * in Chem A level? To get an A* in A-Level Chemistry, you need to have a thorough understanding of the subject matter, including the concepts, theories, and practical applications. You also need to be able to apply this knowledge to a wide range of problems and questions, both in the classroom and in exams.

What is an A * in IGCSE?

How do you score a * in a level chemistry?

How hard is it to get an A star in IGCSE? As you can see, getting an A grade or higher for IGCSE English as a First Language can be a bit tough, but it is not impossible. If you understand the paper format, work on your reading techniques and writing skills, and practice as many past papers as you can, that “A” might be closer than you think.

How hard is IB higher level maths? The subject delves into complex equations, abstract reasoning, and problem-solving techniques that can be quite demanding. Many students find it difficult to grasp the intricate concepts and navigate through the mathematical complexities."

What is the hardest IB math class? IB Maths Analysis & Approaches is often considered the hardest IB subject, but really, the toughest subject depends on what you're good at.

What is the highest level of IB math? The two IB mathematics subjects are offered at standard level (SL) and higher level (HL), giving students the option of four math courses: MAI SL, MAI HL, MAA SL, MAA HL.

How to get 7 in IB maths? If you want to score a 7 in IB Math AA, identify knowledge gaps, study strategically, and solve multiple questions to expand your knowledge in the subject. You can also get IB task help from Help for Assessment writers, which is a great way to solve the problems that you find rather too complex to handle on your own.

Is IB math harder than AP? Is IB harder than AP? It depends. Some students argue that IB is more challenging because of the emphasis on critical thinking and the more application-focused evaluations. However, both IB and AP classes are considered college-level courses that many students find challenging.

Is IB extremely hard? To get an IB diploma, you must do more than choose HLs and SLs. You will also need to write an Extended Essay (EE), participate in the Theory of Knowledge (ToK), and indulge in Creativity, Activity, and Service (CAS). IB is one of the most demanding courses that one can attend in high school.

What is the hardest IB subject to get a 7 in? Attaining top grades in History HL can be particularly arduous, with only 3.7% of students achieving a score of 7. With a low rate of top grades, students often benefit from the guidance of an IB History tutor to enhance understanding and essay skills.

Is IB math AA or AI harder? If the students are interested in Psychology or social science or they want to pursue business in the future, the best choice for them is Maths (AI). If we go through the difficulty level of both courses, IB Maths (AA) is more complex than IB Maths (AI). Maths (AA) deals with complicated mathematical concepts.

Which IB math is the easiest? Among the IB math courses, Mathematics Studies SL is typically regarded as the easiest option for students who prefer a less rigorous approach to mathematics.

What is the difference between standard level and higher level IB math? The IB Maths level you choose will define how many hours you spend learning concepts and solving problems, as well as the kind of material you'll cover. Moreover, at the more advanced Higher Level, you'll face a more rigorous assessment. External exams alone span 5 hours – compare this to 3 hours at Standard Level.

Is IB math beyond calculus? The aims of the IB Diploma Program Standard Level Math class are unique. The curriculum contains the usual high school mathematics standards, including algebra, statistics, probability, geometry, trigonometry, and calculus. But the goals for IB Math students go beyond just solving math problems.

Does IB math hl cover calculus? After students complete the IB Analysis HL course, they will take a year of college math the following school year. The first semester will cover the remaining topics on the AP Calculus BC exam.

What is the hardest IB math? IB Higher Level (HL) Mathematics AA Mathematics AA HL is often cited as one of the most difficult subjects due to its advanced content and abstract concepts. The course covers a wide range of topics, including calculus, algebra, and statistics, requiring a deep understanding of mathematical theories and principles.

How rare is a 7 in IB? 1 in 5 students HL achieved a 7 in IB Physics exams You might have a one in five chance of getting a 7 in IB Physics HL, but you have a one in five chance of getting a two, three, four and five and six as well. So while this is good news, there's other facts that you should take into account there too.

How hard is it to get all 7s in IB? Conclusion: Since the IB curriculum is extensive and rigorous, achieving a 7 in IB Business is undoubtedly challenging. Also, the multifaceted nature of the course and the high standards set by the IB program make it overwhelming.

Do schools prefer IB or AP? Do Colleges Prefer AP or IB? Both academic options are looked on favorably by colleges and universities, and both can help earn a student college credit, depending on exam scores. The IB is increasing in popularity in the United States, especially among international families and students who hope to study abroad.

Do IB classes boost GPA? A student typically receives 5.0 grade points for a class if they earn an "A" grade in an Honors, Advanced Placement (AP), or International Baccalaureate (IB) class and receives an extra point added to the non-weighted value for each lower grade (i.e., a B in an AP course is counted as 4.0, rather than 3.0).

Is IB high school harder than college? IB courses were much more demanding and involved than the courses I take at college. My writing skills were strongly developed, however, most of my college courses only use multiple choice examinations. Critical thinking skills were the most valuable to me.

Is IB harder than AP classes? While HL (“High Level”) IB courses are generally considered to be more difficult than equivalent or similar AP classes, SL (“Standard Level”) IB courses are typically seen as similar or easier than their AP counterparts.

How many people fail IB? Globally, the pass rate dropped to 79 per cent in 2023 compared with 86 per cent in 2022 after 2020 and 2021 saw a rise in pass rates and in average scores. Students taking their final assessments in May 2023 were the first cohort to have experienced only limited disruption to their studies due to Covid.

Why is IB so stressful? Moreover, the IB curriculum is demanding and requires students to be self-directed learners. Students are expected to manage their own time, set their own goals, and work independently. This level of responsibility can be challenging for some students, and it can be difficult for them to stay motivated and focused.

Is HL math harder than H2 math? Generally, students may find HL Math more challenging than H2 Math but the rigour of H2 Math will be more challenging than SL Math.

Which IB math is the easiest? Among the IB math courses, Mathematics Studies SL is typically regarded as the easiest option for students who prefer a less rigorous approach to mathematics.

Is IB hl math hard reddit? Its hard but not impossible by any means. I would only recommend it depending on the field you would want to go to in the future. If you have a passion for math, you would also probably do well. Its quite alot of practice and content to cover.

Is IB math paper 1 or 2 harder? Depends on your individual skills. For me personally, Paper 2 is (generally) harder, but it also depends on the questions given, I guess.

The Story Factor: Inspiration, Influence, and Persuasion Through Storytelling

Introduction:

The power of storytelling has been recognized for centuries, shaping societies, inspiring individuals, and driving social change. Storytelling, whether through written words, spoken word, or visual imagery, holds an immense capacity to capture hearts and minds.

What is the Story Factor?

The story factor refers to the inherent power of stories to connect with human emotions and experiences. Stories allow us to empathize with characters, imagine different perspectives, and derive meaning from the narrative. This ability to engage and influence makes storytelling an effective tool for inspiration, influence, and persuasion.

How Does Storytelling Inspire?

Stories have the power to ignite inspiration and spark imagination. By transporting us to different worlds and introducing us to compelling characters, stories can ignite our passions, motivate us to pursue our dreams, and inspire us to create change.

How Does Storytelling Influence?

Stories can subtly shape our beliefs, values, and behaviors. By presenting characters who exemplify desirable traits or overcoming challenges, stories can influence our perceptions and guide our choices. Storytelling has been used effectively in advertising, marketing, and public relations to shape public opinion and drive desired outcomes.

How Does Storytelling Persuade?

Stories are a powerful form of persuasion because they appeal to our emotional side. By evoking feelings of empathy, compassion, or fear, stories can persuade us to take action or adopt a particular viewpoint. Storytelling is often used in political speeches, sermons, and advocacy campaigns to sway opinions and inspire action.

Conclusion:

The story factor is a fundamental aspect of human communication. By understanding the power of stories to inspire, influence, and persuade, we can harness this power for good. Whether it's to uplift spirits, drive social change, or simply connect with others, storytelling remains a timeless tool that continues to shape our lives and the world around us.

What is the summary of circuit analysis? Circuit analysis is the mathematical analysis of any electrical circuit. In other words, it is the calculation of unknown elements within a circuit, such as the voltage or current.

What is a circuit in electricity? In electronics, a circuit is a complete circular path that electricity flows through. A simple circuit consists of a current source, conductors and a load. The term circuit can be used in a general sense to refer to any fixed path that electricity, data or a signal can travel through.

How to understand circuits? A circuit is a closed loop containing a source of electrical energy (like a battery) and a load (like a light bulb). Every circuit has to have a load of some sort, All of the electrical energy in a circuit has to get used by the load. The load will convert the electrical energy to some other form of energy.

What is electronic basic circuit and network analysis? Electrical circuit network analysis is the process by which the circuit's electrical parameters are calculated. Nodal analysis is the method used in circuit analysis to determine the voltages at nodes in a circuit. Mesh analysis is governed by Kirchhoff's voltage law and is suitable for planar circuits or networks.

What is the main message of The Circuit? The main idea of The Circuit is that migrant families come to America for better lives, but they end up working very difficult, labor-intensive jobs and may never get to live in proper homes. They have to move around a lot and struggle to learn English. It is a hard and lonely life for their children as well.

Can ChatGPT solve circuits? The first experiment tested ChatGPT's ability to diagnose issues from circuit images. The results showed that while ChatGPT could generate a broad range of potential solutions, its approach was more akin to

hypothesizing rather than precise problem-solving.

What are the five basic electrical circuits?

What are the four basic components of a circuit?

What are the three main parts of a circuit? The basic components of electric circuits are voltage source (such as a battery), load, and conductive pathway. A voltage source provides the potential difference needed for the load (e.g., resistor, lightbulb). The conductive pathway connects all the electrical components.

What is the amps in a circuit? What Is an Amp? Amperage is another way to measure the amount of electricity running through a circuit. Amperage is the "rate" that current is flowing through the circuit or the number of electrons moving through the wire. Amperage is listed in units called amps (or amperes).

What are the basic rules of circuits?

How does a circuit work for dummies? An electronic circuit is a complete course of conductors through which current can travel. Circuits provide a path for current to flow. To be a circuit, this path must start and end at the same point. In other words, a circuit must form a loop.

How to learn circuit analysis? There are three main circuit analysis techniques: the fundamental laws, using the node voltage method or the mesh current method. Ohm's law is a fundamental law used to analyze electrical circuits. Mathematically, Ohm's law can be expressed as $V = I R$. The node voltage method is based on Kirchhoff's current law.

What is the law of the electric circuit? It states that the total sum of all current flowing into a node (or point) on a circuit is equal to the sum of the current flowing out of the node. A simple example of Kirchhoff's Current Law is a power supply and resistive circuit with several resistors in parallel.

What are the laws of electricity? There are four basic laws of electricity that are important to us in this chapter: Ohm's law, Kirchhoff's laws, and the power law.

What is the basic of circuit theory? Circuit theory is a linear analysis; i.e., the voltage-current relationships for R, L, and C are linear relationships, as R, L, and C are considered to be constants over a large range of voltage and currents.

What is the main purpose of a circuit? electric circuit, path for transmitting electric current. An electric circuit includes a device that gives energy to the charged particles constituting the current, such as a battery or a generator; devices that use current, such as lamps, electric motors, or computers; and the connecting wires or transmission lines.

What is the basic idea of circuits? An electric circuit is a closed-loop of electric elements where electric potential energy can flow from the power source to the other parts of the circuit. A basic electric circuit is made up of a power supply, conductors (electric wires), a switch, and the load (electrical components) such as a bulb.

Can ChatGPT analyze schematics? By uploading a chart, diagram, or spreadsheet, the new ChatGPT data analysis function can read and analyze your data.

Can ChatGPT create wiring diagrams? Designed with a professional electrical-engineer in the engineering department in mind, this prompt was written to harnesses the AI capabilities of GPT-4 to offer an expert level Wiring Diagrams Document. ? Go directly to the ChatGPT prompt: Wiring Diagrams Document.

Is circuit analysis useful? To summarize the article, we can say that circuit analysis is a crucial aspect of electrical engineering, and Kirchhoff's laws, nodal analysis, and mesh analysis are essential techniques used in analyzing complex circuits.

What is a brief summary of The Circuit? It is a heartrending story of a Mexican family who move to California to grasp just a tiny piece of the American dream: shelter, food an education for the children. The work is hard, long, abusive and low paying. The family has to keep moving and the children cannot be legally in school long enough to learn.

What is The Circuit theory summary? Basic DC circuit theory looks at how an electric circuit is an interconnection of electrical elements and that electrical current

is the flow of charge, measured in amperes (A) being pushed around a closed circuit by a potential difference (electromotive force) known as voltage, measured in volts (V).

What is the purpose of circuit analysis? Simply put, a circuit is a path for the flow of electrons. The flow of electrons is considered an electric current. The purpose of circuit analysis is to gain an understanding of how to examine, manipulate and use these electrons. Therefore, circuit analysis is a fundamental tool in electrical engineering.

What is the summary of circuit diagram? A circuit diagram is a simplified drawing of an electrical circuit. It uses a solid line to show the conductor or wires that determine the path of the circuit. On the path are symbols to represent the various parts of the circuit such as the power source and resistors.

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