

CLASS 12 CHEMISTRY NOTES FOR SOLUTION CHAPTER

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What is solution class 12 chemistry notes? Solution. It is a homogeneous mixture of two or more chemically non-reacting substances whose composition can be changed within certain limits. A solution is regarded as a singular phase having more than one component. A solution which contains two components is known as binary solution.

Which is the hardest chapter in chemistry class 12?

Which is the most scoring chapter in class 12 chemistry? Electro Chemistry and Chemical Kinetics are the most important chapters in the Physical Chemistry Unit for CBSE Board class 12. These comprise 16 marks in the final exam. The Important and must to do chapters from the Inorganic Section include Coordination Compounds and d and f block elements.

What is a solute Class 12 chemistry notes? Solute: The component present in a lesser amount or whose physical state is changed during the formation of the Solution is called Solute. Solvent: The component present in more significant amounts and determines the physical state of the Solution is called a solvent.

What are the 3 types of solutions Class 12?

What are solution notes? A solution is a homogeneous mixture of two (or more) substances, the composition of which may vary between certain limits. A solution consisting of two components is called binary solution. The component which is present in large quantity is called solvent and the component which is small in quantity is called solute.

Which is the easiest chapter in chemistry?

Which is the toughest subject in CBSE class 12? Every student tries his/her level best to come up with the best results in this examination. Mathematics is considered as one of the toughest subjects to score in CBSE 12th board examinations. So let us have a look at some important tips and tricks for scoring good marks in class 12th mathematics.

Which set was hardest in chemistry class 12 2024?

Is it easy to score 120 in Chemistry? According to the previous years' paper analysis of NEET , the Chemistry section is found to have simple and expected questions, usually from NCERT textbooks. This means that with some guidance and consultation, scoring high or over 120 could be an easy task for candidates.

How can I score 160 in Chemistry?

Which chapter in Chemistry has more weightage? Which chapter has more weightage in NEET Chemistry? The weightage of chapters in NEET Chemistry can vary, but organic chemistry topics like "Alkanes, Alkenes, and Alkynes" and "Biomolecules" often have significant weightage. It's crucial to cover all topics comprehensively for a well-rounded preparation.

What are 5 examples of solutes?

What is solution class 12? Solution: A solution is a homogeneous mixture of two or more pure substances. It means their composition and properties are uniform throughout the solution. Solute and solvent are two components of a solution.

Is water a solution or solute? Water is a solvent. A solvent is a material in which a solute dissolves to form a solution. The solvent determines the physical state of the solution. For example, in a solution of sugar and water, sugar is the solute that dissolves in water, which is the solvent.

What is Raoult's law class 12? Raoult's Law The partial pressure of any volatile component of a solution at any temperature is equal to the vapour pressure of the pure component multiplied by the mole fraction of that component in the solution.

What is Henry's Law class 12? What is Henry's Law? Henry's law is a gas law which states that at the amount of gas that is dissolved in a liquid is directly proportional to the partial pressure of that gas above the liquid when the temperature is kept constant.

What are the 3 most common solutions in chemistry? Types of Solutions - Solid, Liquid, and Gas Examples are brass, which is composed of zinc and copper, and steel, which is composed of carbon and iron. Gas - solid: A gas solute in a solid solvent. An example is hydrogen (solute) dissolved in palladium (solvent).

What is a short note on solutions? A solution is a homogeneous mixture of one or more solutes dissolved in a solvent. Note that the solvent is the substance that is present in the greatest amount. Many different kinds of solutions exist. For example, a solute can be a gas, a liquid or a solid.

What is osmosis class 12 chemistry? Osmosis-Osmosis is a process by which the solvent from a low concentrated solution passes to the high concentrated solution through a semipermeable membrane till the solution reaches equilibrium.

What is a short note on a solute? A solute is a substance that can be dissolved into a solution by a solvent. A solute can take many forms. It may be in the form of a gas, a liquid, or a solid. The solvent, or material that dissolves the solute, separates the molecules of the solute and distributes them evenly.

What is solution for Class 12? A solution is a homogeneous mixture of two or more components in which the particle size is smaller than 1 nm. Common examples of solutions are sugar in water and salt in water solutions, soda water, etc. In a solution, all the components appear as a single phase.

What is a solution in chemistry? A solution is a homogeneous type of mixture of two or more substances. A solution has two parts: a solute and a solvent. The solute is the substance that dissolves, and the solvent is the majority of the solution.

What is a solution and give short notes on its types? A solution is a homogeneous mixture of two or more two substances whose particle size ranges between 0.1nm to 1nm. Homogeneous means that the components of the mixture form a single phase. You must have seen many types of solutions in general such as

soda water, sharbat, salt solution etc.

What is liquid solution in chemistry class 12? A Liquid solution is a homogeneous mixture of two or more substances in which the solute (component present in the lesser quantity) is uniformly dispersed in the solvent (component present in the larger quantity).

The Count of Monte Cristo on Wikispaces

Q: What is "The Count of Monte Cristo"? A: "The Count of Monte Cristo" is a classic adventure novel written by Alexandre Dumas in the 19th century. It tells the tale of Edmond Dantès, a young sailor who is unjustly imprisoned for 14 years. After escaping, he transforms himself into the enigmatic Count of Monte Cristo and seeks revenge on those who wronged him.

Q: How can I access "The Count of Monte Cristo" on Wikispaces? A: Wikispaces was a popular online platform for creating and sharing collaborative content, but it has since shut down. As a result, the version of "The Count of Monte Cristo" that was hosted on Wikispaces is no longer available.

Q: Are there other resources where I can read "The Count of Monte Cristo"? A: Yes, there are several other options for finding "The Count of Monte Cristo" online and in print. Some popular choices include:

- Project Gutenberg (free ebook)
- Google Books (paid ebook)
- Amazon (physical book and ebook)

Q: What are some of the key themes explored in "The Count of Monte Cristo"?

A: "The Count of Monte Cristo" explores a wide range of themes, including:

- Revenge and Forgiveness
- Justice versus Mercy
- The Power of Wealth and Revenge
- The Importance of Friendship and Loyalty

Q: Has "The Count of Monte Cristo" been adapted into other media? A: Yes, "The Count of Monte Cristo" has been adapted into numerous movies, TV shows, and plays. Some notable adaptations include:

- The Count of Monte Cristo (1934 film starring Robert Donat)
- The Count of Monte Cristo (2002 film starring Jim Caviezel)
- The Count of Monte Cristo (TV miniseries starring Richard Chamberlain)

What are the effects of indoor air pollution in India? Household air pollution exposure leads to noncommunicable diseases including stroke, ischaemic heart disease, chronic obstructive pulmonary disease (COPD) and lung cancer.

How does air pollution affect health in India? Air pollution is a silent killer, causing more than 2 million deaths a year in India. It also leads to health problems like respiratory and cardiovascular diseases. If India had achieved safe air quality levels in 2019, its GDP would have increased by \$95 billion.

What are the health problems caused by indoor air pollution? Both short- and long-term exposure to indoor air pollution can cause a range of health issues, including respiratory diseases, heart disease, cognitive deficits, and cancer.

What is indoor air pollution in points? Indoor Air Pollution means any air quality contamination within and around buildings and structures. Some of the most common examples of indoor air pollutants are solvents, moulds, smoke, pesticides, gases, and pet dander.

What are 3 immediate effects of indoor air pollution?

How bad is air pollution in India? At 292micrograms per cubic metre, the figure is 5 times higher than the World Health Organisation's recommended safe limit. Weather conditions play an important part in the dispersal of airborne particles through both wind and rain. Another major contributor to the air pollution was the Badarpur Thermal Power Station.

What are the 5 health effects of air pollution? The specific disease outcomes most strongly linked with exposure to air pollution include stroke, ischaemic heart disease, chronic obstructive pulmonary disease, lung cancer, pneumonia, and

cataract (household air pollution only).

How does air pollution affect life expectancy in India? Doctors explain how high AQI can affect the mortality rate so drastically. A recent study has shown that fine particulate matter (PM_{2.5}) air pollution is estimated to shorten an average Indian's life expectancy by 5.3 years, and in Delhi (considered to be the most polluted city in the country), as much as 11.9 years.

How does the environment affect human health in India? Environmental risks can increase the chances of contracting heart diseases, cancers, and various other illnesses. Untreated drinking water, poor hygiene, and improper sanitation cause infectious diseases such as cholera, diarrhea, dengue, etc.

What are the symptoms of poor indoor air quality? The quality of indoor air inside offices, schools, and other workplaces is important not only for workers' comfort but also for their health. Poor indoor air quality (IAQ) has been tied to symptoms like headaches, fatigue, trouble concentrating, and irritation of the eyes, nose, throat and lungs.

Which country has the highest death rate from air pollution? China and India saw the largest number of air pollution-related deaths worldwide in 2021, with more than two million recorded in each.

What are 3 causes of indoor air pollution?

What human body system do indoor air pollutants generally target? The lung is the most common site of injury by airborne pollutants. Acute effects, however, may also include non-respiratory signs and symptoms, which may depend upon toxicological characteristics of the substances and host-related factors.

What is the most common indoor air pollutant?

Why is indoor air pollution worse? Inadequate ventilation can increase indoor pollutant levels by not bringing in enough outdoor air to dilute emissions from indoor sources and by not carrying indoor air pollutants out of the home. High temperature and humidity levels can also increase concentrations of some pollutants.

What causes indoor air pollution in India and China? Coal burning for cooking and heating is still widespread in the countryside of both India and China, creating serious indoor air pollution –a direct cause of many asthmatic, respiratory and lung diseases.

Which one among the following is a major indoor air pollution in India? Carbon-monoxide is a major air pollutant. It combines with hemoglobin in the human body and forms carboxyhemoglobin which reduces the oxygen absorption capacity of blood.

What is the main contributor to indoor air pollution in India is the smoke from? Air pollution from household fuel combustion is the chief environmental health risk. The ostensibly “open” accessibility of solid fuels makes them the principal fuel source for household purposes in India.

Who indoor air pollution India? Studies done so far in India provide us enough evidence that indoor air pollution is a cause of increasing morbidities and mortalities, and there is a need for an urgent intervention. There are social, cultural, and financial factors that influence the decision of people about energy and cooking.

Did the Lexus IS 200 come in manual? Lexus IS 200 Manual, 6-speed 155ps, (1999 - 2005)

Did the Lexus is300 come in manual?

Has Lexus ever made a manual? Only Older Lexus Models Were Available With A Stick According to some Lexus fanatics on Club Lexus, the following models came with a manual transmission: 1990-1991 Lexus ES 250. 1992-1996 Lexus ES 300. 1992-1997 Lexus SC 300.

Can you tune a Lexus IS 200? The power and fuel economy of your Lexus IS 200 (MK1) 1999-2005 can be enhanced or boosted in about an hour by remapping the settings on the engine control unit (ECU).

Do IS200 come manually? THE standard transmission in the IS200 is a six-speed manual. A four-speed automatic is optional.

Does the 200 series come in manual? There is no longer a manual transmission in the 200 Series.

What year Lexus has a 2JZ? The Lexus IS has established itself as a great small sedan with sporty aspects. When it first hit the road, it came with a four-cylinder engine, but it got an upgrade for the 2000 model year to a 2JZ-GE engine.

Does a Lexus IS300 have a 2JZ? Oh yeah. Plenty of that. The IS300 uses the same 2JZ-GE 3.0-liter DOHC 24-valve straight-six that propels the bigger Lexus GS300 sedan, an engine that traces its lineage to the old Toyota Supra.

Did the Lexus is250 come in manual? The IS 250 RWD comes standard with a 6-speed manual transmission, and a 6-speed automatic transmission is available as an option.

Is Lexus SC300 manual? Toyota fans will recognize the SC300's 2JZ-GE 225-hp inline-six as being shared with the Supra. The most crucial difference between the SC300 and SC400 isn't just the engine: Only the SC300 offered a manual transmission, and only through 1997. The SC also shares a platform with the fourth-gen Supra.

Is there a manual Lexus LFA? Transmission. The gearbox built by Aisin is a six-speed single-clutch automated manual transmission actuated with paddle-shifters.

Did Ford make Lexus? Lexus (????, Rekusasu) is the luxury vehicle division of the Japanese automaker Toyota Motor Corporation.

Can you turbo a Lexus IS200? This is a bolt-on kit to turbocharge the GXE10 1999-2005 Lexus IS200/Altezza AS200 with the Toyota 1G-FE engine. This turbo kit uses the Pulsar GTX2867R Gen2 dual ceramic ball bearing turbocharger. It has a 8-blade Gen2 billet aluminium compressor wheel and a billet internal adjustable wastegate actuator.

How much power can an IS200 make? You can make up to 400HP without much trouble on this engine and the automatic tranny.

How long do Lexus IS 200 last? What is Lexus Is200 lifespan? The estimated lifespan of a Lexus Is200 is 156,000mi, before reaching the life expectancy upper limit. Fuel type is a major factor when looking into a vehicles lifespan/life expectancy.

How many gears does an IS200 have?

Is a IS200 RWD? All IS200/300/Altezzas are RWD. The only Lexus that was fwd was the ES300 based on the Camry.

Why was the Lexus IS 200t discontinued? It was mated to an eight-speed automatic transmission originally developed for the high-performance RC F coupe. However, as more than 90% of IS buyers continued to chose the IS 300h model, the slower-selling IS 200t was discontinued approximately two years later.

Are 200 series reliable? Answer: The 200 Series Toyota LandCruiser is known for its reliability and durability. So while that V8 had some excessive oil use issues early on, it was well and truly sorted towards the end of its life in 2021.

Are all 200 series V8? There are four different models of the 200 Series, and they all come with a powerful 4.5L V8 Diesel Automatic 4 Wheel Drive Engine.

Is the 200 series twin turbo? The Toyota Land Cruiser 200 Series V8 (4.5L) is the first twin turbo V8 Diesel engine vehicle by Toyota.

What engine IS in a Lexus IS200?

Which Lexus has a Supra engine? Toyota Aristo / Lexus GS 300 Known informally as the "Gentleman's Supra," the Toyota Aristo (marketed as the Lexus GS in the American and European markets) was available with both the naturally aspirated and turbocharged versions of the 2JZ engine.

What Lexus has a V8? What Lexus comes with a V8? There are various Lexus high-performance cars in the lineup that come with V8 engines, including the Lexus LC 500, Lexus IS 500, Lexus RC F and Lexus RC F Track Edition. Whether you're looking for a Lexus V8 sedan or a V8 coupe, you can find the powerful Lexus for you.

Why was the Lexus IS 200t discontinued? It was mated to an eight-speed automatic transmission originally developed for the high-performance RC F coupe. However, as more than 90% of IS buyers continued to chose the IS 300h model, the slower-selling IS 200t was discontinued approximately two years later.

Did IS250 come in manual? The IS 250 RWD comes standard with a 6-speed manual transmission, and a 6-speed automatic transmission is available as an option.

Does the Lexus is350 come in manual?

Is the Lexus LFA a manual? Transmission. The gearbox built by Aisin is a six-speed single-clutch automated manual transmission actuated with paddle-shifters.

What year Lexus IS to stay away from? Which Lexus IS Vehicles Are the Least Reliable? There are certainly some used Lexus IS models you should avoid, including: 2007 Lexus IS 250, which is known for power steering failures, flickering headlights, and faulty airbag sensors. 2008 Lexus IS 250, which has 308 record complaints according to the NHTSA.

What does the T stand for in Lexus 200t? In the name, the “T” stands for “Touring.” The “Touring Crossover” is available as a hybrid model with an F Sport option for the ultimate in efficiency and handling.

Is Lexus 200t engine good? The turbocharged engine is eager at low revs and sounds more refined than BMW's 2.0-liter engine. In our testing, a 200t accelerated from zero to 60 mph in 6.8 seconds. That's not great, but the engine feels strong in real-world driving.

Did the IS300 ever come in manual? It's been a while back, but I remember test-driving a 2002 IS300 with the 5-speed manual. There was very little market for that version, and Lexus didn't seem to put a whole lot of emphasis on how the transmission was designed. I found the shift-linkage notchy, imprecise, and not terribly pleasant to use.....

When was the last manual Lexus?

Do any Lexus have manual transmission?

How many manual IS250s were made? The IS250 was powered by a 2.5-liter V6 engine that only produced 205 hp, which was less than the competition. If Lexus had offered the transmission on the more powerful IS350 or IS-F models, then maybe more enthusiasts would have taken it. Instead, only one in 34,719 IS250 models had the manual transmission.

Are there manual Lexus ES? A four-speed automatic or five-speed manual transmission was offered. The Electronically Controlled Automatic Transmission (ECT) featured "normal" and "power" modes.

How long does manual transmission last?

Why is LFA so rare? Lexus built just 500 examples of the LFA—436 “regular” models and 64 Nurburgring Package variants—between 2010 and 2012, 190 of which were for the US market. The decision to keep the production run so low appears to have been intentional.

Why is Lexus LFA so special?

What is the fastest Lexus car? The Lexus LC 500, Lexus RC F and the all-new 2023 Lexus IS 500 F are the three fastest cars Lexus provides. Which one would you consider the performance car of your dreams? Discover the LC 500's incredible power for yourself.

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