

# GRADE 12 PHYSICS QUESTION AND ANSWERS

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**Where can I get answers for physics questions?** Studybay is the place to go for answers to your physics problems. Ask your question here, and you'll get the best solutions that will help you finish your project as quickly as possible with the most favorable outcomes.

**What is the hardest question in physics?**

**What is most important for physics class 12?**

**What are the important questions in physics?**

**Is there a website that solves physics problems?** Wolfram|Alpha helps you explore step-by-step answers to a wide range of physics problems to help with homework or general education. Use flexible formulas to solve different variables for the same equation with topics covering the full range of physics, including electromagnetism, relativity and Newtonian mechanics.

**What app can I use to find physics answers?** Physics AI expertly tackles an array of physics queries – be it multiple choice, word-based, diagrams, math-centric, or any other type. Simply snap a photo or upload your question, and watch as Physics AI swiftly deciphers and guides you through a comprehensive solution.

**Why is physics so hard?** Answer: Physics demands problem-solving skills that can be developed only with practice. It also involves theoretical concepts, mathematical calculations and laboratory experiments that adds to the challenging concepts.

**What is the most confusing physics topic?** The most difficult concept would arguably be M-Theory, the theoretical framework that elegantly unites classical physics including general relativity with quantum physics.

**Which is harder math or physics?** Physics is perceived as more challenging as it involves applying math to real-world scenarios. Understanding the physical world adds complexity. Individual preferences and prior exposure influence perceptions. Some find physics intuitive, while others excel in mathematical clarity.

**What is the toughest chapter in physics 12th?** The toughest chapters in CBSE Class 12 Physics are Quantum Mechanics, Electromagnetic Induction, Faraday's Law, Nuclear Physics, Structure and Reactions, Semiconductors, Devices and Circuits, and Communication Systems, Signal Processing.

**What is the easiest chapter in physics class 12?** The easiest chapters in CBSE Class 12 Physics are Electric Charges and Fields, Current Electricity, Magnetic Effects of Current and Magnetism, Ray Optics, and Atoms and Nuclei.

**Which is the most scoring chapter in class 12 physics?** The chapters with the most weightage this year are Electrostatics, Current Electricity, Electromagnetic Waves, and Optics. Which is the biggest chapter in Physics class 12? Optics is the biggest unit of Class 12th Physics. More than ten marks questions will appear from this unit in the examination.

**What are the 7 biggest unanswered questions in physics?**

**What are the most interesting questions in physics?**

**What are the biggest questions in physics today?**

**How to solve physics quickly?**

**How do you solve physics problems step by step?**

**Is there a photomath for physics?** Yes, there are several applications similar to Photomath for physics and chemistry. Some examples include Physics Calculator, Chemistry Calculator, and Symbolab.

**What is the best app to learn physics for free?**

**What is the best website for physics questions?**

**How do you get an A in physics?**

**Is physics the hardest class in high school?** Physics covers complex concepts. It covers the fundamental laws that govern the universe, explaining everything from the motion of planets to the behavior of subatomic particles, making it one of the hardest high school classes. Understanding these laws requires students to grasp abstract and often non-intuitive ideas.

**What is the easiest way to learn physics?**

**What is the hardest thing to study in physics?** Quantum Physics Courses  
Quantum Physics requires mathematical, computer science, and quantum lingo skills. It is about studying atoms and particles at the very basic level and applying the theories in the real world. Of all scientific courses, Quantum Physics has been credited as the toughest course in the world.

**Where can I ask physics questions for free?** Physics Stack Exchange is a question and answer site for active researchers, academics and students of physics and astronomy. It's built and run by you as part of the Stack Exchange network of Q&A sites.

**What is the best website for physics questions?**

**How do I check my physics answers?**

**How do you answer physics exam questions?**

**How do you get an A in physics?**

**What are the biggest questions in physics today?**

**Is physics app free?** Physics Apps Pocket Physics is easy to use, free education app that covers most of the vital concepts, equations, and formulas of physics.

**What is the world's hardest physics question?** Size of universe: The diameter of the observable universe is about 93 billion light-years, but what is the size of the whole universe?

**What is the best website to learn physics?**

**Who is best physics teacher online?** Jai Rai Sir - The Best Physics Teacher in India Online.

**How do you check your answer in physics?**

**What are basic physics questions?**

**Where can I find physics classroom answers?** CURRICULUM CORNER And now teachers can purchase The Solutions Guide containing complete answers, explanations and solutions to all worksheets.

**What is the website that answers physics questions?** Whether you're a high school or college student, Smodin physics solver can help you tackle even the most challenging physics problems. With Smodin, you can complete your assignments in a fraction of the time it would take you to solve them manually.

**What app can I use to answer physics questions?** PhyWiz solves your physics homework for you. Get step by step solutions for questions in over 30 physics topics like Kinematics, Forces, Gravity, Quantum Physics and many more. Ask PhyWiz a question like "if mass is 6 and velocity is 7, what is momentum?" and get your answer immediately.

**How do you answer a physics question?**

**How do I reset my DPF additive level?**

**What is the code P15B3 on a Peugeot Partner?** Re: P15B3 additive adding This code can mean that your engine management ECU software needs updating, so you'll need a dealer for that, as well as topping up the additive for which the engine ECU also needs intervention. So you may be better off booking it in for both operations.

**What is the additive reset tool on a Peugeot DPF?** Essential tool for extinguishing the Particulate Filter light after the filter has been replaced. Also resets the ELOYS additive after it has been topped up and burns any particles that have clogged the filters (regenerate). Powered by connection to the vehicle.

**How do you manually clear a DPF system?** A very common way to begin cleaning a DPF is to use high-pressure, compressed air. You can achieve this best by using a high-pressure cleaning cabinet, which backflush compressed air into the filter and forces ash to dislodge any blockage.

**How do I reset my Peugeot Partner computer?**

**What is the code P1351 on a Peugeot Partner?** P1351 Combinations of P1351 or 1351 indicate a malfunction in the glow plugs. The cause of the problem may be the devices themselves or the failure of the relay. P1352 On some car models, this code is accompanied by beeps - the beeper peaks three times when an error occurs.

**What is the code p1338 on a Peugeot engine?** These codes would indicate that the fuel injector on cylinder 2 may have failed or has a wiring issue. Since the engine is misfiring, this may damage the catalytic converter efficiency.

**How do you regenerate a DPF Peugeot?** If you see a warning stating "Risk of Diesel Filter Clogging" it refers to the DPF, you should be able to get the DPF to regenerate itself by driving over 60mph for about 20 minutes. If that does not remove the warning however, this means a trip to the garage is needed.

**How do I force my DPF to clean?** Make sure that the vehicle is at a normal temperature and then drive in any gear that you can maintain 2,000 RPM at a constant speed, automatics should be placed in sport mode where applicable and the gear should be selected manually. 5. Drive the vehicle at a constant 2,000 RPM for approximately 30 miles.

**How long does it take for DPF additive to work?** Once you've added the DPF cleaner to your tank, it's usually recommended that you drive for at least another 15 minutes, preferably on a road with a fairly high speed limit. This will give the cleaner time to get to work on your blocked DPF, burning off any excess soot.

**How to delete DPF from ECU?** DPF delete is performed by first physically removing the diesel particulate filter from the vehicle (assuming that all the necessary tools and programming skills are in place). The vehicle is then connected to DPF delete kits or specific tools that are capable of reprogramming the ECU.

**Can you unblock a DPF yourself?** There are several ways to clean your DPF filter, you can either clear it yourself by burning the soot away or have it cleaned professionally by a garage. If the blockage persists, you will likely need to replace your DPF filter, which can be costly.

**Can you clear a blocked DPF by driving?** Active DPF regeneration If this is the case the warning light will continue to show the filter is still partially blocked. In which case it should be possible to complete a regeneration cycle and clear the warning light by driving for 10 minutes or so at speeds greater than 40mph.

**How do I hard reset my ECU?**

**How to reset ECU on Peugeot 308?**

**How do I reset my Peugeot 2008 computer?**

**What are the symptoms of P1351?** Symptoms of this fault code often have to do with the unstable operation of the engine. Once the engine reaches operating temperature, it may start behaving erratically, suddenly turning off, operating in an unstable manner, and even sometimes refusing to start if it hasn't cooled down all the way.

**What is the code P0339 on a Peugeot Partner?** The last two characters "39" is DTC number. OBD2 Diagnostic Trouble Code P0339 means that Crankshaft Position Sensor 'A' Circuit Intermittent has been detected.

**What is the code P0606 on a Peugeot Partner?** The P0606 fault code means that there's an error with your power control module (PCM). Your PCM is the computer inside your car that monitors all the vital systems. Basically, it's the brain of your car. Every time you start the car, the PCM runs a series of checks to make sure everything is okay.

**What is the 7 symptoms of a bad camshaft position sensor?**

**What is the code P1336 on a Peugeot engine fault?** Re: P1336 CPS fault drops to 3 cylinders, turn off and on fine!? It may be worth considering that the error gets thrown due to a lack of fuel flow (causing misfire) when the engine is worked hard. This could be due to a blocked fuel filter (if there is one), a weak fuel pump, or a blocked strainer in the fuel tank.

**What is the code P1337 on a Peugeot fault?** It will likely be a coil pack / plugs as this P1337 fault relates to Combustion misfiring on cylinder 1.

**How long does it take for DPF additive to work?** Once you've added the DPF cleaner to your tank, it's usually recommended that you drive for at least another 15 minutes, preferably on a road with a fairly high speed limit. This will give the cleaner time to get to work on your blocked DPF, burning off any excess soot.

**How can I reset my DPF learned values?** Reset DPF calculated value it's only for when you replace your dpf DO NOT PERFORM THIS if you don't replace it. You have to do the regeneration while driving Go to Engine -> Adaptation -> Group 13 - Change from ASCI to Hex By pressing on it -> put new value 1 and click do it.

**How do I reset my diesel particulate filter light?** If your DPF light turns on, the first thing you should do is attempt to initiate a DPF regeneration cycle. This can be done by driving at a consistent speed of at least 40 mph for approximately 10 minutes. This higher sustained speed increases the exhaust temperature, which can often trigger a DPF regeneration.

**What happens if diesel particulate filter additive is too low?** How Do I Know When My Particle Filter Additive Level Is Too Low? Signs of Diesel Particulate Filter Issues: Service or Engine Fault Warning Lights Appearing on Your Dashboard. Poor Fuel Economy.

**How many miles does it take to clear a DPF?** This soot is collected over time and then when your vehicle reaches a certain mileage checkpoint (often around every 300 miles), the DPF will 'regenerate'.

**How do I unblock my DPF filter?** How to unblock a DPF? 1) DPF Regeneration - Find a motorway near you where you can drive at 70+ MPH for 30-45 minutes; this should provide the optimal conditions for the regeneration process to complete. If this works, consider a regular drive along a motorway regularly to allow the regeneration process to complete.

**Can you clear DPF by driving?** So it is advised that drivers regularly give their diesel vehicle a good 30 to 50 minute run at sustained speed on a motorway or A-road to help clear the filter.

**How to delete DPF from ecu?** DPF delete is performed by first physically removing the diesel particulate filter from the vehicle (assuming that all the necessary tools and programming skills are in place). The vehicle is then connected to DPF delete kits or specific tools that are capable of reprogramming the ECU.

**How to force DPF regeneration?** This involves increasing the amount of fuel added to the induction system which in effect creates a fire in the diesel particulate filter (DPF), burning off the excess soot and blowing the ashes out of the exhaust pipe.

**What is a DPF reset?** Often shortened to “regen,” a DPF regeneration is the act of the system burning off collected particulate matter and turning it into ash. Eventually, the DPF system needs cleaning when ash levels are too high but regens significantly extend the amount of time before a technician intervention is necessary.

**How do you manually clear a diesel particulate filter?**

**Can a blocked DPF clear itself?** Most DPFs will automatically clear as they're used but on rare occasions, in specific circumstances, they may get blocked and require manual cleaning. In normal use, a DPF cleans or regenerates itself by reaching a sufficient temperature to burn off the excess soot.

**How do I clear my DPF in limp mode?** The EGR or DPF may be deleted by an ECU remap, cleaned or fully replaced. The final cost depends on your choice of service. Once these issues are resolved the error codes will be reset and full power will be restored to your car or van.



**What is the particle filter warning on a Peugeot?** “particle filter blockage risk”

What it means: A fault that suggests a blocked diesel fuel filter but actually relates to the Diesel particulate filter (DPF or FAP System) in the exhaust getting blocked. This can sometimes be rectified by a regeneration or by using on a long journey at motorway speeds.

**How do you turn off the particulate filter light on a diesel?** Drive at least 60Km/hr @ engine speed between 1800-2500rpm, at least 15 minutes until light goes out.

**How do I fix my diesel particulate filter warning?** What do you do when you see the DPF light? When the DPF light has become illuminated, it's telling you that 'passive regeneration' has failed and that you need to actively regenerate the diesel particulate filter. You can do this by increasing your speed to more than 40mph for between 10 and 15 minutes.

**How do you write a failure analysis report?** Generally, it includes an executive summary providing a brief overview of the failure event, an introduction with background information on the product, system, or process, an investigation methodology section detailing the data sources, tools, techniques, and procedures used in the investigation, a results section ...

**What is failure analysis in mechanical engineering?** Failure analysis is the process of collecting and analyzing data to determine the cause of a failure. It is an important discipline in many branches of manufacturing industry, where it is a vital tool used in the development of new products and for the improvement of existing products [7].

**How do you perform a failure analysis?**

**What is the structure of the RCA report?** Key principles of RCA Instead of correcting the symptoms of a problem, focus on its root causes. Focus less on who caused the problem and more on how and why the problem occurred. Find cause-and-effect evidence to support the root causes you've identified. Develop an informative action plan to support your solutions.

**How do you format an analysis report?**

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**Which tool is used for failure analysis?** Pareto Charts for Manufacturing Analysis  
Another failure analysis tool to view issue data is through a Pareto chart - so named after the Pareto Principle which states that 80% of problems come from 20% of causes - and helps visualize issues by the quantity of failures that have occurred.

**What is the difference between failure mode analysis and FMEA?** Failure modes and effects analysis also documents current knowledge and actions about the risks of failures, for use in continuous improvement. FMEA is used during design to prevent failures. Later it's used for control, before and during ongoing operation of the process.

**What are the common failures in mechanical engineering?** What Are Mechanical Failures? Mechanical failures are closely linked to defects in material, manufacturing flaws, or design shortcomings. This can lead to various types of asset failures such as fractures, corrosion, premature wear due to alignment or balancing issues, among others.

**What is FMEA in mechanical engineering?** Failure mode and effects analysis (FMEA; often written with "failure modes" in plural) is the process of reviewing as many components, assemblies, and subsystems as possible to identify potential failure modes in a system and their causes and effects.

**What are the 5 steps of the FMEA process?**

**How to make a FMEA report?**

**What is another name for failure analysis?** RCFA (Root Cause Failure Analysis) is the process of investigating how an equipment failure, process problem, quality problem, safety incident, environmental incident, and many other problems in a plant happened. RCFA is also commonly referred to as Root Cause Analysis or RCA.

**How to write up an RCA report?**

**What are the 5 steps of RCA?**

**What is RCA template?** A root cause analysis template guides teams through the process of creating a problem statement, discussing its causes, and creating a

solution. It uses the well-documented 5 whys process to help the team find a meaningful root cause.

**How to write an analysis report template?**

**How to create analysis report?**

**How do you write an analysis step by step?**

**How do you write a failure analysis?** The first step in creating a failure analysis report is to define the scope and objectives of the investigation. This includes specifying the product or system under analysis, the failure mode or symptom, the expected outcome or deliverable, and the resources and timeline required.

**What is an example of failure analysis?** Examples include a breakdown or failure of machinery, or the production of poor-quality products. We then need to understand the mechanism(s) that led to the failure: e.g., was it faulty material, human error, machine malfunction, etc.

**Is FMEA a RCA tool?** Most people use the fundamentals of a failure mode and effects analysis (FMEA) on a daily basis without even realizing it. On a basic level, this root cause analysis tool is about thinking through everything that could go wrong, the impact on customers and what steps can prevent failures.

**How do you write a report analysis sample?**

**How do you write a problem analysis report?** The first step is to define the problem in a specific and measurable way. You need to identify the symptoms, the scope, the stakeholders, and the objectives of the problem. You also need to collect relevant data and evidence to support your problem statement.

**How do you write failure mode and effects analysis?**

**How do you write a test analysis report?**

**What is history Ed?** Learning and teaching processes contributing to citizens' improvement of their historical knowledge, and to the usefulness of this knowledge to their personal and social development.

**What is a handbook in education?** Student handbooks are the guides to student life in the district, providing an orientation for new and current students.

**Can I teach history without a degree?** To become a high school history teacher at any level, you'll need a bachelor's degree in education along with a major or minor in history or social science. This is the minimum requirement to teach at a middle or high school level.

**Do you need a PhD to teach history?** Indeed, the path you follow will depend largely on your specific career preferences. However, to become a professional historian (someone who works in academia and research), it's necessary to earn a master's degree. Postsecondary teaching positions generally require a Doctor of Philosophy (PhD) degree.

**What are the three types of handbooks?** Some common types of handbooks include employee handbooks, student handbooks, policy handbooks, and training handbooks. Each type caters to a specific audience and provides information that is relevant to their role or position.

**What is a handbook vs manual?** A handbook provides comprehensive knowledge on a subject, covering a wide range of topics. A manual focuses on specific tasks or processes, providing detailed instructions. A guide offers a concise overview and assistance for a specific activity or context.

**What should a student handbook contain?** A Student's Guide to Success The Student Handbook contains information about support services, student rights and responsibilities and College and academic policies. The Student Handbook also includes a daily planning calendar with important dates and deadlines listed for your convenience.

**Can you get a PHD in history without a Masters?** Many history Ph. D. programs admit candidates with just a bachelor's degree; however, some programs recommend or require a master's in history to enter the doctoral program.

**Is a history degree not worth it?** According to Schandler, understanding history provides perspective and ultimately helps us better understand the present. “(History) helps one discern fact from fiction, truth from lies,” he said. On the more

practical side, having a degree in history can help you get and stay employed.

**Can I get a masters in history without a bachelor's in history?** Degree Requirements Most programs for an online master's degree in history require only a bachelor's degree, with a preference for a degree in history or a related major like political science or American studies. Some may prefer applicants with experience working in a relevant job, like in a museum.

**How many years does it take to become a history professor?** Earn a doctorate Earning your doctor of philosophy (PhD) degree can take 3-5 years and requires picking a topic or region specialization like 20th century, medieval or military history, or Latin America or Asian studies. Becoming a tenured history professor at colleges and universities often calls for a PhD.

**Are history professors in demand?** Jobs for History Professors in this state are growing at a rate of 11.8% which is faster than the nationwide estimated projection of 10.4%. The BLS is projecting 160 annual History Professors job openings in California, and 1,900 total jobs in the year 2026.

**How long does it take to get a doctorate in history?** According to statistics kept by the American Historical Association, it can take anywhere from six to nine years to complete a doctoral dissertation in history.

**What is a major in history education?** A history major is a degree path that teaches students to critically examine the past and become informed citizens. Unlike in some high school history courses, where students might spend most of their time memorizing dates and facts, undergraduate history majors focus on analysis and evaluation.

**What do history students do?** History majors analyze and interpret information, write and share ideas about why events happened and develop the knowledge and skills that help them to succeed in today's workplace. They are working in a wide range of fields in companies and institutions around the world.

**What does history class teach you?** Studying history helps us understand how events in the past made things the way they are today. With lessons from the past, we not only learn about ourselves and how we came to be, but also develop the

ability to avoid mistakes and create better paths for our societies.

**What grade is history taught?** In many US states, American History is taught in grades 5, 8, and 11. History of the state itself, e.g., New York or Pennsylvania, might appear in grade 4 or 7.

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