

COMMON ENTRANCE EXAM PAPERS NIGERIA

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What is the common entrance exam in Nigeria? The National Common Entrance Examination (NCEE) is for admission into Junior Secondary School (JSS 1) of Federal Government Unity Colleges. Only final year pupils of Primary School who shall not be less than 10 years by September of the examination year are eligible to write the examination.

How many subjects are written in common entrance exam in Nigeria? The number of compulsory subjects written in the National Common Entrance Examination (NCEE) in Nigeria is four.

What is the total score for common entrance exam in Nigeria? According to Mr Sununu, the candidates with the highest scores had 203 of the maximum obtainable score of 210.

What is the entrance exam for university in Nigeria? The Joint Admissions and Matriculation Board (JAMB) is a Nigerian entrance examination board for tertiary-level institutions. The board conducts Unified Tertiary Matriculation Examination for prospective undergraduates into Nigerian universities.

How much is common entrance form in Nigeria? ATTENTION PARENTS Registration into federal government colleges/unity schools for 2024/2025 admission year has commenced. Registration fees: ₦4750 Mode of application: online Website: ncee.neco.gov.ng Closing date: 20th April, 2024.

Which is the easiest entrance exam?

Is a calculator allowed in a common entrance exam in Nigeria? At 13+, Common Entrance consists of examinations in Mathematics (three papers: a (listening) mental mathematics paper, plus written non-calculator and calculator); English (two papers); and one paper each in Latin, Classical Greek, Geography, History, Religious Studies, plus either Physics, Chemistry, Biology or ...

What is the pass mark for neco? WAEC and NECO GRADING SYSTEM AND INTERPRENTATION (BY PERCENTAGE) Grade Definition. ? A1 Excellent 75% -- 100% ? B2 Very good 70%---74% ? B3 Good 65%--69% ? C4 Credit 60%--64% ? C5 Credit 55% -- 59% ? C6 Credit 50%--54% ? D7 Pass(still failure) 45%--49% ? E8 Pass(still failure) 40%--45%. ?F9 Failure 0%--39%.

How many subjects are written in SAT in Nigeria? There are 20 SAT Subject Tests available in five general subject areas: English, history, languages, mathematics and science.

What is the Pearson exam in Nigeria? The PTE test organized in Lagos, Port Harcourt and other testing sites in Nigeria, is a test of reasoning. It is an ACCEPTED Proficiency test, English based, but you are required to learn some basic skills to ace the test. For PTE study materials in Nigeria and strategies, get in touch with us.

What is jss3 exam called in Nigeria? National Examinations Council. The Basic Education Certificate Examination (BECE) is the examination conducted for candidates in their final year of Junior Secondary School. It is used for transition from JSS 3 of the basic education class to the senior secondary school.

What are the names of the examinations in Nigeria?

What is one of the most common college entrance exam? The main college entrance exams are the ACT and the SAT. The CLT is a newer alternative that is accepted by a small number of colleges. Colleges and universities, especially highly selective schools, may also require SAT Subject Tests.

What is the best programming language for expert systems? Prolog has been used for expert systems, natural language understanding, and automated theorem proving. LISP and Prolog continue to be used in AI research and development today. However, more modern languages, such as Python and Java, have given their

dominant popularity to AI apps in recent years.

What is the difference between expert system and traditional system in AI?

Conventional systems are unable to explain a specific solution to a problem. These systems aim to provide straightforward solutions. However, expert systems can justify why certain information is required during a process and how a specific result was achieved.

What is the application of expert systems in AI? The most important applied area of AI is the field of expert systems. An expert system (ES) is a knowledge-based system that employs knowledge about its application domain and uses an inferencing (reason) procedure to solve problems that would otherwise require human competence or expertise.

Which phase of developing an expert system involves gathering knowledge from human experts? This process of gathering knowledge from a domain expert and codifying it according to the formalism is called knowledge engineering. This phase is known as knowledge acquisition, which is a big area of research. A wide variety of techniques have been developed for this purpose.

What is the hardest programming language to master?

What is the most powerful programming language of all time? 1. JavaScript. With increasing demand for dynamic web applications, it's nearly impossible to become a professional software developer without learning JavaScript. According to Stack Overflow's 2023 Developer's Survey, JavaScript is the most popular language among developers for the eleventh year in a row.

What are the 4 expert systems? Expert systems have four main components: knowledge representation, inference engines, knowledge acquisition and user interface. Knowledge Representation is how information is stored in an expert system -- typically with if-then rules or frames to define concepts.

What are the limitations of an expert system?

What is an example of an expert system? One of the most common applications of expert systems in decision support is medical diagnosis. Expert systems can help doctors and nurses diagnose diseases, suggest treatments, and monitor patients'

conditions. For example, MYCIN is an expert system that can diagnose bacterial infections and recommend antibiotics.

Is ChatGPT an expert system? Is ChatGPT an expert system? ChatGPT is not a traditional expert system. It is a language model that uses deep learning to generate human-like text based on the input it receives.

Can expert systems make mistakes? Since it is unreasonable to expect the expert system to generate perfect answers, mistakes by the expert system must be anticipated. The range of acceptable mistakes will usually be determined through negotiations between the expert system's designers and management and through the validation process.

How to create an expert system?

What is the core of the expert system? Expert systems usually consists of two core parts: a knowledge base - a knowledge in certain domain, an inference engine - a set of algorithms, which perform judgment and reasoning.

What is expert system life cycle? A life cycle for expert systems is constructed, outlining the tasks and activities to be performed at each stage of system development. The life cycle highlights the role of alternative development paradigms and the importance of social and organizational characteristics in system transfer to users.

What are the difficulties in developing expert systems? Limitations of Expert System Its maintenance and development costs are very high. Knowledge acquisition for designing is much difficult. For each domain, we require a specific ES, which is one of the big limitations. It cannot learn from itself and hence requires manual updates.

What language are expert systems part of? 5.1. Expert systems have been constructed using various general-purpose programming languages as well as specific tools. LISP and PROLOG have been used widely. OPS-5 has also been popular among rule-based programmers. OPS is a product of the Instructable Production System Project at CMU in 1975.

Which language is most used for system programming? The canonical example is C, which is used widely for both system and application programming. Some modern languages also do this such as Rust and Swift.

What is the best programming language to build systems?

Which programming language is best for AI? By and large, Python is the programming language most relevant when it comes to AI—in part thanks to the language's dynamism and ease.

How long can Lenovo X1 Carbon last? Our Verdict. The Lenovo ThinkPad X1 Carbon Gen 11 is great for school. Thanks to its thin and lightweight design, it's very portable, and its battery lasts around ten hours of light use. It has a sharp, bright display, a comfortable keyboard, and a small but responsive touchpad.

How do I check the health of my Lenovo X1 Carbon battery? Detailed information about your battery is available in the Lenovo Vantage application, by clicking See Battery Details. Additionally, from the Windows 10 PowerShell or Command Prompt, users can use the `powercfg /batteryreport` command to generate a battery report.

How do I diagnose my Lenovo Carbon X1? Connect your computer to ac power. Turn on your computer, and press F10 immediately to enter the UEFI Diagnostics tool. Follow the on-screen instructions to run the test. Press Esc to exit the tool.

How to reset Lenovo ThinkPad X1 Carbon BIOS?

What is the life expectancy of a Lenovo laptop? Ans. The typical lifespan of a Lenovo laptop is five to seven years. The cost, model, kind of laptop, and build quality are just a few of the variables that affect how long your Lenovo device will last. The key factor in extending the functional life of your equipment is, however, human upkeep and care.

Can a Lenovo laptop last 10 years? About 10 years of useable lifespan for thinkpads especially if you get a high end one. However some will last up to 20 years as the build quality is usually very high with Lenovo. My Dad owns an IdeaPad, not sure which model. He's had it for years.

How can I maintain my Lenovo laptop battery health?

Can Lenovo X1 carbon battery be replaced? Use this guide to replace the battery in your Lenovo ThinkPad X1 Carbon 7th Gen Laptop. For your safety, discharge the battery below 25% before disassembling your device. This reduces the risk of fire if the battery is accidentally damaged during the repair. If your battery is swollen, take appropriate precautions.

What is the battery life of Lenovo X1 Carbon? The ThinkPad X1 Carbon lasted an impressive 13 hours and 45 minutes in our battery rundown, which consists of web browsing, streaming video, and running graphics tests while connected to Wi-Fi with 150 nits of screen brightness.

How do I run diagnostics on my Lenovo ThinkPad? On the boot, when you see the Lenovo logo, press F10 repeatedly until you here a beep or see your computer take the input successfully. Once you are in the Diagnostic tool, select the hardware you would like to test, or just select Run All by hitting the key.

How old is the Lenovo ThinkPad X1 Carbon? In early August 2012, Lenovo released the ThinkPad X1 Carbon as the 14-inch successor to the original ThinkPad X1. The X1 Carbon was first released in China due to the popularity of ThinkPads in that market.

How do I reset my Lenovo X1 Carbon battery? Briefly press the Battery Reset button (bottom side - pin hole). This pin hole reset will disconnect the internal system battery and clear the charging LED.

Where is the Lenovo ThinkPad pinhole reset? PCs with an internal battery may have an emergency pin hole reset button on the bottom cover (see emergency-reset hole in the User Guide for more information). For information on how to find the User Guide, see [How To Find And View Manuals For Lenovo Products - ThinkPad, ThinkCentre, Ideapad, Ideacentre](#).

How to do a hard reset on Lenovo ThinkPad x1? If the computer stops responding and you cannot turn it off by pressing the power button, remove the ac power adapter first. Then insert a straightened paper clip into the emergency-reset hole to reset the computer.

Where is reset button on x1 carbon? If the LED fails to turn on, you may need to reset the system. Flip the laptop upside down and unplug any exterior power sources. Locate the small hole located directly in the middle of the back cover. Once it is found, stick a straightened paperclip into the emergency reset hole to reboot the system.

Is it bad to leave your laptop plugged in all the time Lenovo? Keeping your battery plugged in for extended periods of time will not cause it to be over-charged. If your battery remains at or near 100% most of the time, Lenovo recommends setting the Battery Charge Threshold to limit the battery charge. This will minimize unnecessary degradation and the potential for swelling.

Does Lenovo last longer than HP? Build Quality and Durability. Both brands are known for making high-quality laptops overall. Lenovo has some of the most durable laptops, according to professional reviewers.

Do thinkpads last long? Yes, ThinkPad laptops are known for their exceptional durability. They are built with robust hinges, reinforced chassis, and spill-resistant keyboards and often feature military-grade durability certifications. These laptops are designed to withstand the rigours of daily use.

Why is the ThinkPad expensive? The reason ThinkPads command a steeper price than other laptops with the same CPU / GPU is through attributes that are important to business customers, who are less price sensitive: excellent build quality, portability, amazing keyboards, misc other features such as smartcard readers, fingerprint readers, Ethernet ...

What should I do if my laptop is 10 years old? Even if your laptop makes it past those issues, keep in mind that by the time a laptop is 10 to 12 years old, the hardware will no longer be supported by modern operating systems, so you'll need to replace the system to keep current with security updates and to be compatible with modern software.

How can I make my Lenovo laptop last longer?

How to check battery health on Lenovo X1 Carbon? Lenovo Vantage is a comprehensive tool that offers a user-friendly interface for monitoring various

aspects of your laptop, including battery health. Accessible through the Start menu or taskbar, Lenovo Vantage provides detailed insights into the condition of your battery.

Does overcharging a Lenovo laptop battery damage it? It isn't possible to overcharge a laptop battery. Leaving your computer plugged in after fully charged doesn't overcharge or damage the battery. However, keeping the battery consistently on the charger may not be the best idea if your goal is to optimize its battery life.

What kills laptop battery health? Extremely high temperatures can cause lithium-ion batteries to deteriorate at an accelerated rate, which can permanently lower the battery capacity. Store your device with the battery charged to below 50% but not completely drained. Batteries that are more fully charged and then stored may lose capacity faster.

Is it worth buying ThinkPad X1 Carbon? Lenovo's ThinkPad X1 Carbon may be one of the best business laptops you can get your hands on. This isn't your average laptop. It's a high-end product that combines the latest Intel hardware with a lot of extra touches that make it just nice to use. It incorporates carbon fiber to make it more lightweight and durable.

Can X1 carbon run without battery? The system should work OK on AC power without a battery or with a dead battery.

Does the ThinkPad X1 Carbon have a removable battery? The good news is that you can indeed replace the battery on the ThinkPad X1 Carbon Gen 11 in just a few simple steps. Since the design of the new ThinkPad laptop hasn't changed between generations, so this means replacing the battery will be the same as it was on the ThinkPad X1 Carbon Gen 10 from the year 2022.

Is Lenovo X1 carbon durable? Best Prices Today: Lenovo ThinkPad X1 Carbon Gen 12 It incorporates carbon fiber to make it more lightweight and durable. Of course, it also costs more than a typical thin and light machine, and the CPU performance isn't the fastest under heavy pressure.

Can Lenovo X1 carbon battery be replaced? Use this guide to replace the battery in your Lenovo ThinkPad X1 Carbon 7th Gen Laptop. For your safety, discharge the

battery below 25% before disassembling your device. This reduces the risk of fire if the battery is accidentally damaged during the repair. If your battery is swollen, take appropriate precautions.

What is the battery life of Lenovo X1 Carbon Gen 7? We've also amped up protection with our built-in suite of ThinkShield security features to safeguard your data. Powered by Intel® Core™ technology, this device delivers high performance—while the 18.3-hour battery life enables easy productivity on the fly.

How long is the battery life on the Lenovo X1 Carbon Gen 11?

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Is Lenovo more durable than HP? If you prioritize sleek design, robust performance, and innovative features, HP laptops may be the perfect choice for you. On the other hand, if durability, versatility, and legendary keyboards are paramount, Lenovo laptops should be at the top of your list.

What is the most durable ThinkPad? Lenovo's flagship ThinkPad X1 Carbon laptop is one of the toughest models you can buy.

Can X1 carbon run without battery? The system should work OK on AC power without a battery or with a dead battery.

How to charge Lenovo X1 Carbon without charger?

How long is the warranty on Lenovo X1 Carbon? Like all current ThinkPad laptops, the ThinkPad X1 Carbon Gen 11 will come with a one-year limited warranty. This warranty starts from the day of purchase and will last for 365 days afterward. The term is "limited warranty" because there are some limits on what is covered in this included warranty.

How do I know if my Lenovo battery is bad? Signs of a failing laptop battery may include decreased battery life, slow charging times, overheating, and physical damage or swelling of the battery. You can also check your laptop's battery health

status using built-in diagnostic tools or other software.

Is the ThinkPad X1 Carbon Gen 7 worth it? Laptop Mag Verdict Lenovo's 7th Gen ThinkPad X1 Carbon's lightweight and durable design, gorgeous display, long battery life and extensive security features make it the best business laptop on the market.

How do I reset my Lenovo X1 Carbon battery? Briefly press the Battery Reset button (bottom side - pin hole). This pin hole reset will disconnect the internal system battery and clear the charging LED.

What is the battery life of Lenovo X1 Carbon 7th generation? With up to 18 hours of battery life on a single charge, users can power through the busiest of workdays without a pause, and re-charge to 80% battery capacity in about an hour.

How many years does a Lenovo battery last? You should consider replacing your laptop's battery when you notice a significant decrease in its performance. This typically happens after 2-3 years of use, but it depends on how frequently and intensively you use your laptop.

Can X1 carbon battery be replaced? The good news is that you can indeed replace the battery on the ThinkPad X1 Carbon Gen 11 in just a few simple steps. Since the design of the new ThinkPad laptop hasn't changed between generations, so this means replacing the battery will be the same as it was on the ThinkPad X1 Carbon Gen 10 from the year 2022.

What is TCAD used for? Technology Computer-Aided Design (TCAD) refers to the use of computer simulations to develop and optimize semiconductor process technologies and devices.

What is a simulation device? Device simulation tools simulate the electrical characteristics of semiconductor devices, as a response to external electrical, thermal, or optical boundary conditions imposed on the structure.

How does TCAD work? Process TCAD tools mimic the fabrication steps from the foundries that are used to build the transistor. Device TCAD tools input the transistor architecture and simulate how electrical currents move through the device.

What is the difference between EDA and TCAD? Technology computer-aided design (technology CAD or TCAD) is a branch of electronic design automation (EDA) that models semiconductor fabrication and semiconductor device operation. The modeling of the fabrication is termed process TCAD, while the modeling of the device operation is termed device TCAD.

What does simulation mean in power system? Electrical power system simulation involves power system modeling and network simulation in order to analyze electrical power systems using design/offline or real-time data. Power system simulation software's are a class of computer simulation programs that focus on the operation of electrical power systems.

What is the main purpose of simulation? Why is Simulation Used? Simulation is used to evaluate the effect of process changes, new procedures and capital investment in equipment. Engineers can use simulation to assess the performance of an existing system or predict the performance of a planned system, comparing alternative solutions and designs.

What is an example of a simulation? Some examples of computer simulation modeling familiar to most of us include: weather forecasting, flight simulators used for training pilots, and car crash modeling.

What is a TCAD engineer? Develop and calibrate TCAD (Technology Computer Aided Design) process and device models to existing hardware data in order to establish predictive modeling of future technology nodes. Work in close interaction with the process integration, device characterization and compact modeling groups.

Is TCAD open source? Charon is an open-source semiconductor device modeling code, widely referred to as a TCAD (technology computer-aided design) code, developed at Sandia National Laboratories.

Is Visual TCAD free? Visual TCAD / Genius can be purchased for a 'one-time' payment under a perpetual license agreement. All updates, upgrades and technical support are free for the 1st year. Thereafter, maintenance and technical support contracts are optionally available.

How much is Synopsys TCAD? U.S. list price begins at \$63,000 for a perpetual license.

What is EDA simulation tool? Simulation EDA tools work to predict a circuit's behavior before it is developed, effectively modeling how a real version of this circuit would perform. Examples of simulation electronic design automation technology include sophisticated, high-speed prototyping.

What is Silvaco TCAD software? TCAD software solutions are key to developing new semiconductor processes and devices, dramatically reducing costs and time to market. Implantation. Diffusion. Oxidation. Etch, Deposition, Epitaxy.

What is Autodesk simulation used for? Autodesk Simulation CFD software provides fast, accurate, and flexible fluid flow and thermal simulation tools to help predict product performance, optimize designs, and validate product behavior before manufacturing—minimizing reliance on costly physical prototypes and helping you get innovative products to market ...

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