

EDExcel IGCSE REVISION GUIDE

ANSWERS

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Is 7 an A in Edexcel IGCSE? So grade 5 will be awarded to the top grade C performers and grade 6 to the grade B performers. The bottom of the grade 4 aligns with the bottom of the grade C . The bottom of the grade 7 aligns with the bottom of the grade A. The bottom of the grade 1 aligns with the bottom of the grade G.

Which is harder, Edexcel or Cambridge? Although both examination boards maintain a similar overall difficulty level, there are varying opinions regarding the relative difficulty of specific subjects. For instance, Cambridge A Levels are often perceived as relatively easier in English but more challenging in Mathematics.

Is Edexcel IGCSE easier? IGCSEs are generally considered more challenging than the GCSEs, although this will depend on the subject. However, both courses are designed to give students a world-class education and to equip them with the skills they need for further study or employment.

Does CGP do IGCSE? Cgp igcse 9-1 edexcel international gcse chemistry, biology, physics, 3 books collection set - grade 8-9 targeted exam practice workbook.

Is 75% an A in IGCSE? For example, if a student receives an A grade in IGCSE Mathematics, the percentage equivalent would be between 80-89%. Similarly, if a student receives a C grade in IGCSE English, the percentage equivalent would be between 60-69%.

What grade is 70% in IGCSE?

What is the hardest GCSE in the world? #1. Mathematics. GCSE Maths stands out as the most difficult GCSE subject that consistently challenges students, drawing on a broad range of problem-solving skills and deep understanding of complex concepts.

Which UK exam board is the hardest? In theory, no exam board should be easier or harder than another. However as we've seen, there are slight differences in how each exam board structures their exams. So if you struggle concentrating for long periods at a stretch, you'll find Eduqas (with the longest exams at two hours, fifteen minutes) tricky.

Is Edexcel the easiest exam board? As well as the debate between OCR and AQA, lots of students ask: is Edexcel harder than AQA for GCSE? Although every exam board is technically the same difficulty, Edexcel often gets the nod for being slightly more approachable than its counterparts.

Which subject is hardest for IGCSE?

What is the easiest subject for IGCSE?

Is IGCSE math hard? IGCSE Maths features a relatively large syllabus loaded with equations, formulas, and quite difficult concepts. So don't worry, you won't be the only person to think this way. You need to master their application in practice.

Is a 7 an a or b in GCSE? In the current grading system, a score of 9, 8 and 7 are equivalent to an A* and A. A 9 is for a student who has performed exceptionally well. A grade of 4 is the equivalent of a C grade, known as a standard pass. A grade of 5 is also a C grade but is known as a strong pass.

What does grade 7 mean 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 score is an A in IGCSE? is no Grade 'a*', the percentage uniform mark range for Grade 'a' is 80–100. ' The information in this factsheet is intended as a guide for

schools in countries where percentage uniform marks appear on statements of results for Cambridge IGCSE®, Cambridge O Level and Cambridge International AS & A Level.

What is the grading scale for Edexcel IGCSE? Pearson Edexcel International GCSEs are awarded using the nine point grading scale (9–1), introduced by the UK government to raise standards and recognise top-performing students.

Trophic Ecology: Bottom-Up and Top-Down Interactions Across Aquatic and Terrestrial Systems

1. What are trophic interactions? Trophic interactions are the interactions between organisms that occur when one organism consumes another for energy. These interactions form food webs and determine the flow of energy and nutrients within an ecosystem.

2. What is bottom-up control and what are its effects? Bottom-up control occurs when the availability of resources at lower trophic levels (e.g., primary producers like plants) limits the growth and abundance of organisms at higher trophic levels (e.g., consumers like herbivores and predators). In aquatic systems, nutrient availability can influence phytoplankton growth, which in turn affects zooplankton and higher predators. In terrestrial systems, plant productivity drives herbivore populations and ultimately shapes the abundance of carnivores.

3. What is top-down control and what are its effects? Top-down control occurs when predators or other organisms at higher trophic levels limit the populations of their prey or competitors at lower trophic levels. In aquatic systems, predatory fish can reduce zooplankton abundance, which releases phytoplankton from grazing pressure and increases their growth. In terrestrial systems, wolves can limit herbivore populations, which allows plant communities to recover and flourish.

4. How do bottom-up and top-down interactions interplay? Bottom-up and top-down interactions often interact in complex ways. In some cases, bottom-up effects can dominate, such as in nutrient-poor aquatic systems where primary productivity limits all higher trophic levels. In other cases, top-down effects can be more influential, such as in systems where predators strongly suppress prey populations. The relative strength of these interactions can vary over time and space.

5. What are the implications of trophic interactions for ecosystem functioning?

Trophic interactions play a key role in ecosystem functioning. They regulate nutrient cycling, energy flow, and biodiversity. By influencing the population dynamics of organisms at different trophic levels, these interactions can shape the structure and stability of ecosystems. Understanding the mechanisms and consequences of trophic interactions is essential for predicting and managing ecosystem change.

How much horsepower does a barako 175 have? The engine generates maximum power of 12.74 hp and maximum torque of 1.34 kgf.

How many cc is the Kawasaki Barako 2? If we talk about Kawasaki Barako II engine specs then the Gasoline engine displacement is 177 cc. Barako II is available with Manual transmission.

What is the fuel consumption of barako 175 in the Philippines?

How much is barako 2 in the Philippines? The price of Kawasaki Barako II in the Philippines starts from ₱94,000 and goes up to ₱94,000 .

Where is Kawasaki Barako made? The Kawasaki Barako is a motorcycle model built by Kawasaki Motors Philippines and launched in 2004.

How many gears does a Barako 175 have? Barako II Standard is paired with a 4-Speed Manual transmission.

How much is barako 3 2024 in the Philippines? The Kawasaki Barako III 2024 price in the Philippines starts from ₱96,500 . it is available in 1 variants in the Philippines. The Barako III is powered by a 177 cc engine, and has a 4-Speed gearbox. The Barako III comes with Drum front brakes and Drum rear brakes.

Which Kawasaki motorcycle was called the Widowmaker? Kawasaki's Mach IV H2, the notorious 750cc "Widowmaker," is setting record prices after a flurry of sales to a single buyer. To some people, any two-wheeler is a death trap. But even among hardened motorcyclists, there are some bikes that have built a reputation for being uniquely violent and barely controllable.

What is the highest CC of Kawasaki? Kawasaki Ninja H2R is a super bike available in only 1 variant and 1 colour. The Kawasaki Ninja H2R is powered by 998cc BS6 engine which develops a power of 305.75 bhp and a torque of 165 Nm.

What is the most fuel-efficient motorcycle in the Philippines?

What gas is best for motorcycle Philippines? Regular cars and motorcycles we use for our daily commute has low compression ratio. Therefore they do not need high octane fuel. These type of vehicles are highly recommended to just use regular gas (which we wrongly call "unleaded").

How many liters of oil for a Kawasaki Barako 175? The Barako 175B features the electric & kick-start method. Engine Oil Capacity 1.4 Li.

What are the variants of barako 2?

What is the most expensive Honda motorcycle in the Philippines? Check out the 2024 Honda price list in the Philippines. As of 16 August 2024, Honda motorcycle prices start at ₱56,900 for the most inexpensive model TMX125 Alpha and goes up to ₱2 Million for the most expensive motorcycle model Honda Gold Wing.

How much is the most expensive bike in the Philippines? There are a total of 154 Big Bikes in the Philippines. The cheapest Big Bikes is MotorStar Cafe 400 2024, priced at ₱140,000 and the most expensive model is Harley-Davidson CVO Road Glide 2024 which retails at ₱4.35 Million for the top-end variant.

Is Kawasaki made by Honda? Kawasaki motorcycles are manufactured by the Motorcycle & Engine division of Kawasaki Heavy Industries.

Is Kawasaki Chinese or Japanese? Kawasaki Heavy Industries Ltd. (KHI) (????????, Kawasaki J?k?gy? Kabushiki-gaisha) is a Japanese public multinational corporation manufacturer of motorcycles, engines, heavy equipment, aerospace and defense equipment, rolling stock and ships, headquartered in Minato, Tokyo, Japan.

Is Kawasaki made in USA? Kawasaki was the first foreign vehicle manufacturer to open a manufacturing plant in the U.S.A.. Several far-sighted Kawasaki executives germinated the idea way back in 1974, and it was simple. If you're selling in America, why not build there too -- save time, save shipping and employ local labor.

What is the fuel consumption of Kawasaki Barako 2 175? This Euro-III compliant engine is mated to a 4-speed transmission and delivers a fuel economy of 57kmpl which is ideal for the daily commuter.

How much is a Kawasaki Barako 175 in the Philippines? The Kawasaki Barako price in the Philippines starts at P91,000.00. The lowest price is the Kawasaki Barako II Kick Start (2020 - Present), ranging all the way up to the Kawasaki Barako III Electric Start (2020 - Present) priced at P100,500.00.

What size chain is a Kawasaki Barako 175? GRS Chain and Sprocket Set For Kawasaki Barako 175 size 14t-45t 428H x 130L | Lazada PH.

What type of motorcycle is Barako? Barako II has been a reliable tricycle motorcycle to our drivers nationwide. But now, it has become more dependable with its increase of 15% in power and 13% in fuel efficiency.

How much horsepower does a Kawasaki Barako III have? Kawasaki Barako III Specifications The top variant of Barako III is powered by the Standard a 177 cc, 1 cylinder Gasoline engine that fires 13.54 hp of power and 13.7 Nm torque.

How much is TMX barako in the Philippines? We have the Honda TMX Supremo priced at ₱78,900 , while Kawasaki Barako III is priced at ₱96,500 .

How much horsepower does a 18 wheeler engine have? The average semi engine has 400-600 horsepower and around 1-2 thousand FT.LB or torque versus 100-200 horsepower and 100-200 FT.LB of torque. Semi Engines, as opposed to car engines, are designed to run stop.

How fast is a 150 hp motorcycle? It also means that most 150cc bikes are good on fuel because they have an average top speed of 50 km/h. In general, 150cc bikes can attain speeds of between 45 and 75 km/h. Some of the most powerful and modified 150cc motorcycles may reach speeds of up to 75 miles per hour.

How much HP does a 750cc bike have? For example, a 750cc petrol (gasoline) engine manufactured in 1960 might have a power output of say, 30 brake horsepower. Nowadays with modern technology such as fuel injection and turbocharging it might be possible to get 100 horsepower out an engine of this size.

What is the highest HP motorcycle?

How many miles do 18-wheeler engines last? Diesel engines are pretty tough; semi trucks commonly run for 700,000 miles or more—with no shortage of trucks hitting the million-mile mark! Of course, that all depends on usage and maintenance.

What's the fastest an 18-wheeler can go? Semi-trucks are engineered for hauling heavy loads over long distances, and their speed capabilities reflect this purpose. On average, most semi-trucks have a governed or limited top speed of around 65 to 75 miles per hour (mph).

How many gallons does a 18-wheeler have? When you factor in the radius of operation, a semi truck tank generally holds 120 to 150 gallons of fuel per tank, meaning that two tanks will total up to 300 gallons. Truck owners often ask this question because there are plenty of factors to consider when loading your semi with fuel.

How much horsepower should a beginner motorcycle have? 125cc Motorcycles: These bikes tend to be extremely popular with first-time riders. They give you plenty of power without weighing you down on the road. Expect to get anywhere from 10 to 15 HP out of these bikes.

How much HP is enough on a motorcycle? Usually, a beginning motorcycle doesn't need more than 50 horsepower. Motorcycles with more power are frequently made for experienced riders who want more acceleration and speed. A bike with less power might be more suitable for you if you're new to the sport. Discover the world of bikes and scooters at BforBiker.

How much horsepower does a Kawasaki Ninja 650 have?

How much HP does a Harley 750 have?

What is Harley's highest HP bike? Venturing into New Territories: Harley-Davidson Pan America Equipped with the potent Revolution Max 1,252cc V-Twin engine, the 2023 Pan America delivers a commanding 150 horsepower and 94 lb-ft of torque, making it the most powerful street-legal Harley-Davidson bike to date.

How many HP does a GSXr 750 have? At the rear wheel, the engine produces 123 hp (92 kW) at 12,500 rpm, and torque of 53.4 lbf·ft (72.4 N·m) @ 11,200 rpm.

What is the most popular motorcycle in the world? Determining the single most popular motorcycle of all time is a bit tricky, as popularity can be measured in different ways: Sales: In terms of pure sales numbers, the clear winner is the Honda SuperCub. With over 100 million units sold since its 1958 debut, it's the best-selling motorcycle ever made.

What is the highest street-legal horsepower?

What is the fastest Kawasaki bike in the world? Yes, the Kawasaki Ninja H2R is recognised as the fastest production bike in the world.

This House Has Fallen: Nigeria in Crisis

Introduction: The ongoing crisis in Nigeria has plunged the country into turmoil, raising serious concerns about the nation's stability. Recent events have highlighted the fragility of Nigeria's political system and the challenges it faces in addressing deep-seated problems such as corruption, insecurity, and ethnic tensions.

Question 1: What are the main causes of the crisis in Nigeria?

Answer: The crisis in Nigeria has multiple causes, including:

- Endemic corruption that has weakened institutions and eroded public trust
- Insecurity, particularly in the northern region, perpetrated by extremist groups like Boko Haram
- Ethnic and religious tensions that have fueled conflicts in various parts of the country
- Economic inequality and unemployment that have exacerbated social unrest
- Weak governance and a lack of accountability within the political system

Question 2: How has the crisis impacted Nigeria's stability?

Answer: The crisis has had a devastating impact on Nigeria's stability:

- It has led to widespread violence, displacement, and humanitarian suffering
- It has eroded public confidence in the government and its ability to address the country's challenges
- It has damaged Nigeria's international reputation and hindered economic growth
- It has created a climate of fear and uncertainty that hampers everyday life

Question 3: What efforts have been made to resolve the crisis?

Answer: The Nigerian government and international partners have undertaken various initiatives to address the crisis:

- Military operations against extremist groups in the north
- Anti-corruption campaigns to reduce graft and improve governance
- Dialogue and reconciliation efforts to ease ethnic and religious tensions
- Social and economic programs to mitigate inequality and create opportunities
- International support and assistance from organizations like the United Nations

Question 4: What challenges hinder the resolution of the crisis?

Answer: Despite efforts to resolve the crisis, significant challenges remain:

- Deep-rooted corruption that continues to undermine progress
- Ongoing insecurity and terrorism that threaten to destabilize the country
- Ethno-religious divisions that persist and create barriers to reconciliation
- Economic challenges that make it difficult to address the root causes of the crisis
- A lack of political will and accountability among some leaders

Conclusion: The crisis in Nigeria remains a complex and multifaceted challenge that requires sustained and concerted efforts from both within the country and from the international community. Addressing the underlying causes, promoting good governance, and ensuring accountability are crucial steps towards rebuilding stability and fostering a more peaceful and prosperous future for Nigeria.

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