Assam polytechnic first semister question paper

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Which is the oldest polytechnic in Assam? Technical Education in Assam started with the establishment of Prince of Wales Institute of Engineering & Technology at Jorhat before independence in 1927.

Which polytechnic institute is best in Assam?

How many polytechnics are there in Assam? At present there are 26 Government Polytechnics in different districts of Assam including two number of Polytechnics only for Girls. There are 22 different programmes in 26 Polytechnic. Education (AICTE).

What are the courses offered in Assam Polytechnic College? The institute started with Civil Engineering Diploma course & now it is imparting 3-years Diploma course in 4-disciplines viz, Civil, Mechanical, Electrical and Electronics & Telecommunication Engineering. This institute is the only Govt.

Who is the best polytechnic course?

Is polytechnic equivalent to 12th in Assam? "The cabinet in today's meeting decided to give recognition to the three-year Diploma in Engineering, awarded by the State Council of Technical Education (SCTE) as equivalent to Higher Secondary (Science) or Class XII (Science)," informed cabinet minister Jayanta Mallabaruah while addressing the media in Guwahati.

Which is the cleanest college in Assam? People say that DHS Kanoi college is not only the college in Assam but probably in all over India where the college campus is cleaned at 5.00 am in the morning forming a club for the purpose.

What is the salary of Polytechnic engineer in Assam? Diploma Civil Engineer salary in Guwahati ranges between ? 1.2 Lakhs to ? 3.5 Lakhs with an average annual salary of ? 1.5 Lakhs.

Which is the No 1 private university in Assam? Arunachal University of Studies (AUS) has become the top private university in Assam gradually.

What is the pass marks for Assam Polytechnic? The basic eligibility criteria of Assam PAT that the candidates will have to meet are listed below. Candidates should have also passed individually in both theory and practical/internal assessment with minimum: General/OBC/MOBC category (40% marks), SC candidates (35% marks) and ST candidates (33% marks).

Which polytechnic is biggest? Established in 1954, SP is the first and oldest polytechnic in Singapore, and is renowned for its engineering programmes. Its first site at Prince Edward Road was vacated by 1978; SP is now based at Dover, Singapore, and is currently the largest Polytechnic in Singapore.

What is the age for Assam Polytechnic? a) Entry Qualification: Industrial Training Institute (ITI) passed students having minimum Educational Qualification H.S.L.C. passed with the age minimum age limit 17 years and maximum 25 years. For SC/ST additional 3 years as per existing norms of Polytechnic.

How many seats are there in Assam Polytechnic? No. of seats in State Government Polytechnics are 4425 seats for 22 Nos. of different Diploma programmes.

Which is the first polytechnic in Assam? Apart from the above details, we want to take you to the most important thing Assam technical board that Directorate of Technical Education, Assam was established in 1960. Did you know? Assam Textile Institution is the first Diploma / Polytechnic College was established at Guwahati Assam.

Which college is best after polytechnic?

What is the easiest course in polytechnic? However, some commonly considered easy courses in polytechnics include business management, hospitality

management, and information technology. These courses typically have a good balance of theoretical and practical components, making them easier for students to understand and apply.

What is the highest grade in polytechnic?

Which polytechnic has highest salary?

What is the last date to apply for Assam Polytechnic 2024? Assam PAT Application Form 2024 - DTE, Assam will commence the Assam PAT 2024 application form correction process today, June 21, 2024. The authority will active the Assam PAT 2024 form correction link on the website, dte.assam.gov.in. The Assam PAT 2024 registration process concluded on June 20, 2024.

Which are the new polytechnics in Assam? Tinsukia Polytechnic is one of the 5 new polytechnics starting their session from October 2020 (Academic Year 2020-21). Tinsukia Polytechnic is situated near Habeba Path at Makum, Tinsukia. Tinsukia Polytechnic is the Easternmost Polytechnic in Assam.

What is the Board of Assam Polytechnic? Sonitpur Polytechnic is affiliated to the State Council for Technical Education (SCTE), Assam. The SCTE, Assam is a Council of members appointed by the Government of Assam to advise the Government in all matters relating to Technical Education in the State.

Which district is most educated in Assam? Assam has an overall literacy rate of 73.18%. Kamrup Metropolitan is the most literate district in Assam, with a literacy rate of 88.71%.

Which is the cleanest city in Assam? Tezpur and Golaghat in #Assam and Jiribam in #Manipur have been declared as the cleanest cities in the Northeast zone, as per the results of the sixth edition of the nationwide annual cleanliness survey 'Swachh Survekshan 2021'.

What is the hardest college to get in India? The Indian Institute of Management in Ahmedabad (IIM-A) offered spots to only 0.25 percent of applicants for the 2012-14 academic years. Entry is based heavily on their performance in India's Common Admission Test, or CAT.

What is the lowest salary in polytechnic? Polytechnic salaries In deriving an average wage, the lowest annual salary is ?3,97,367, and the highest rate is ?4,20,104.

What is the salary of IIT Engineer in Assam? In IIT Guwahati, the average salary has increased from Rs 28 lakh per annum in 2018-19 to Rs 41 lakh per annum in 2022-23. Similarly, in IIT Madras the average salary has increased from Rs 29.28 lakh in 2018-19 to Rs 41.72 lakh per annum in 2021-22.

What is the highest package in polytechnic? The highest package offered in our course is 350,000 per annum. The average package offered in our course is 250,000 per annum. The lowest package offered in our course is 100,000 per annum. Top recruiting companies are IBM, Infosys, etc.

Which are the 5 new university in Assam?

Which is the first girls university in Assam? Assam Women's University is a public university located in Jorhat, Assam, India. It was established by the Assam Women's University Act, 2013 (XXII of 2013) by the Assam Government. It is the first women's university in Assam.

Which is the No 1 school in Assam?

Which polytechnic is the oldest? Established in 1954, SP is the first and oldest polytechnic in Singapore, and is renowned for its engineering programmes. Its first site at Prince Edward Road was vacated by 1978; SP is now based at Dover, Singapore, and is currently the largest Polytechnic in Singapore.

What is the first polytechnic? The first polytechnic university was the École Polytechnique, which was founded in 1794 in France. It was founded during the French Revolution to provide science and engineering education to modernize France and create a more technologically advanced society and drive the country's economic growth.

Which is the oldest school of Assam? Cotton Collegiate Government Higher Secondary School is an institution for high school education located in the heart of Guwahati, Assam, a northeastern state of India. It is the first school in the state. The

school was established in the year 1835. It is the oldest school in the entire North-East India.

Which was the first college in Assam? Convinced by the arguments, Sir Henry John Stedman Cotton, K.C.S.I., the then Chief Commissioner of Assam, announced on 3rd November, 1899 that a college would be opened in Guwahati. Cotton College, the name decided by the public to honour its founder, was inaugurated on 27th May 1901 by Sir Henry Cotton himself.

What is the best grade in polytechnic?

What is the best rank for polytechnic? For admission to government polytechnic colleges, aiming for a rank between 1 to 12,000 in TS POLYCET 2024 is advantageous. A good score in TS POLYCET 2024 depends on achieving a score corresponding to this desired rank range.

Which polytechnic is best for engineering? Singapore Polytechnic It has been ranked among the best colleges in Singapore for engineering since its establishment in 1954. They offer six specific specialisations and have a variety of electives. Students in their initial years are introduced to mechanical equipment and electronic gadgets.

What is first class in polytechnic?

Which is India's first polytechnic college? Through Naidu's efforts and donations India's first polytechnic college, the Arthur Hope Polytechnic and the Arthur Hope College of Engineering were set up. Later the college moved to its present location and is now known as Government College of Technology (GCT).

What is the full name of Kadpoly? Kaduna Polytechnic outside the Ahmadu Bello University (ABU) Zaria, is known to be the biggest higher institution in Nigeria. For the avoidance of doubt, the comparism includes all other polytechnics, universities, colleges of education and other centres of higher educational pursuits in the country.

Which is the No 1 school in Assam?

Which was the first female school in Assam? It was in Dibrugarh that the first Girls' High School was established in Assam in the year 1885, which is now known

as Dibrugarh Govt. Girls' Higher Secondary and multi - purpose school.

Which is the first normal school in Assam? On 4th July, 1853, Anandaram Dhekial Phukan submitted a petition to George Aldrumost Millis of Calcutta Dewani Court requesting to establish one Normal School in Assam. Consequently, A Normal School was set up in Guwahati. It was shifted from Guwahati to Jorhat in 1906.

Who is the best college in Assam?

Who was the first MBBS of Assam? Dr. John Berry White, MRCS, a British Surgeon of the East India Company, was the pioneer to start Health Education and health care in Assam.

Which is the largest district in Assam? Karbi Anglong is the largest district of Assam with nearly 10,434 square kilometers of undivided area followed by Sonitpur with an area of 5324 square kilometers.

Is chemical engineering thermodynamics hard? Thermodynamics: Thermodynamics is a fundamental course in chemical engineering that focuses on energy conservation and the relationships among properties like temperature, pressure, and composition in chemical systems. The main challenge comes from grasping abstract concepts and working with multi-variable equations.

Is thermodynamics important for chemical engineering? Thermodynamics is an indispensable tool in chemical engineering, providing the foundation for understanding energy transfer and matter behavior.

What are the basics of thermodynamics in chemical engineering? In thermodynamics we utilize a few basic concepts: energy, entropy, and equilibrium. The ways in which these are related to one another and to temperature, pressure, and density are best understood in terms of the connections provided by molecular mechanisms.

What is chemical engineering thermodynamics course? This course aims to connect the principles, concepts, and laws/postulates of classical and statistical thermodynamics to applications that require quantitative knowledge of thermodynamic properties from a macroscopic to a molecular level.

What is the hardest engineering major?

Is chemical engineering one of the hardest majors? College Major: Chemical Engineering Engineers take up three of the five spots on this list of hardest working college majors, with chemical engineers being the hardest working of all. They spend an average of 19.66 hours studying each week.

Is thermodynamics more chemistry or physics? Thermodynamics is a branch of physics that deals with heat, work, and temperature, and their relation to energy, entropy, and the physical properties of matter and radiation.

Why is thermodynamics in chemistry so hard? In some cases, thermodynamics is hard because the concepts are hard and students often have numerous misconceptions. Many students think an isothermal process is a process without heat transfer. Some concepts cannot be jettisoned from the class in order to make it easier.

Is thermodynamics a physics or engineering? Yes, thermodynamics is a branch of physics that studies how energy changes in a system.

What is the first law of thermodynamics chemical engineering? The first law of thermodynamics states that the total energy of an isolated system is constant. Energy can be transformed from one form to another, but can neither be created nor destroyed. ?W= Work done by the system. ?U = Change in the internal energy of the system.

What is 1st and 2nd law of thermodynamics engineering chemistry? The Second Law of Thermodynamics states that entropy constantly increases in a closed system. More specifically, the First Law states that energy can neither be created nor destroyed: it can only change form.

Why do engineers study thermodynamics? For example, HVAC mechanical engineers need to understand thermodynamics to design and build heating, ventilation and air conditioning (HVAC) systems. Meanwhile, chemical engineers use this concept to understand the transfer of energy and separation processes, such as distillation, gas absorption and liquid extraction.

Which degree is best after chemical engineering? After completion, one can do their master's in any of the following: Plant design, polymers, and biopolymers, nanotechnology, catalysis, colloids, product design, environmental engineering, reactor technology, etc.

How hard is thermodynamics in college? It is fairly difficult for a lot of people, but by no means impossible. The concepts in thermodynamics tend to be fairly complex, and there's a good amount of elaborate math involved. As a result, it can be kind of hard to keep up if you lose track of how the math relates to the concepts and vice versa.

Do chemical engineers need thermodynamics? Chemical engineers use their knowledge of physics, math, chemistry, materials & energy balances, thermodynamics, kinetics, and transport phenomena to transform raw materials into useful products.

How difficult is engineering thermodynamics? In some cases, thermodynamics is hard because the concepts are hard and students often have numerous misconceptions. Many students think an isothermal process is a process without heat transfer. Some concepts cannot be jettisoned from the class in order to make it easier.

Is it hard to study thermodynamics? It is fairly difficult for a lot of people, but by no means impossible. The concepts in thermodynamics tend to be fairly complex, and there's a good amount of elaborate math involved. As a result, it can be kind of hard to keep up if you lose track of how the math relates to the concepts and vice versa.

Is thermo the hardest engineering class? 1. Thermodynamics: This course focuses on the principles of heat transfer, energy conversion, and thermal equilibrium. Many students find this class difficult due to the intricate concepts and equations, as well as the heavy use of calculus.

Is thermodynamics a hard chapter? Toughest Chapters In Chemistry For JEE 2025 FAQs The toughest chapters in chemistry for JEE Mains are Thermodynamics, Chemical Equilibrium, Coordination Compounds, Organic Chemistry - Reaction Mechanisms, and Chemical Kinetics.

How to solve class 12 probability?

How to calculate probability grade 12? Divide the number of events by the number of possible outcomes. After determining the probability event and its corresponding outcomes, divide the total number of ways the event can occur by the total number of possible outcomes.

What are some good probability questions? Two fair dice are rolled. What is the probability that their sum is greater than four? A jar contains 12 marbles: four red, five blue, and three orange. If you pull three marbles without replacement, what is the probability of getting all three colors in the order of blue, orange and red?

What is a probability math question? Probability questions and probability problems require students to work out how likely it is that something is to happen. Probabilities can be described using words or numbers. Probabilities range from 0 to 1 and can be written as fractions, decimals or percentages.

What is the main formula for probability Class 12? P(A) = n(A)/n(S) P(A) is the probability of an event "A" n(A) is the number of favourable outcomes. n(S) is the total number of events in the sample space.

How do you solve probability questions easily? Finding the probability of a simple event happening is fairly straightforward: add the probabilities together. For example, if you have a 10% chance of winning \$10 and a 25% chance of winning \$20 then your overall odds of winning something is 10% + 25% = 35%.

Is there a formula for probability? Calculating probabilities is expressed as a percent and follows the formula: Probability = Favorable cases / possible cases x 100.

How do you write probability answers? We use the notation P(event) to represent the probability of an event happening. For example, If we wanted to write the probability of getting a 1 1 1 1 we could write P. (1).

How do you solve a probability distribution step by step? Step 1: List out all possible outcomes of the experiment. Step 2: Count the total number of outcomes and calculate the probability of each outcome. Step 3: Display the information in a

histogram with probabilities on the vertical axis and outcomes on the horizontal axis.

What are the 4 types of probability? Probability is of 4 major types and they are, Classical Probability, Empirical Probability, Subjective Probability, Axiomatic Probability. The probability of an occurrence is the chance that it will happen. Any event's probability is a number between (and including) "0" and "1."

What is a good probability example? For example, if you throw a die, then the probability of getting 1 is 1/6. Similarly, the probability of getting all the numbers from 2,3,4,5 and 6, one at a time is 1/6.

What are the 3 basic of probability? There are three basic rules associated with probability: the addition, multiplication, and complement rules. The addition rule is used to calculate the probability of event A or event B happening; we express it as: P(A or B) = P(A) + P(B) - P(A and B)

Is probability math hard? Probability is traditionally considered one of the most difficult areas of mathematics, since probabilistic arguments often come up with apparently paradoxical or counterintuitive results.

What is the probability of throwing a 3 or a 4? The probability of throwing a 3 or a 4 is double that, or 2 in 6. This can be simplified by dividing both 2 and 6 by 2. Therefore, the probability of throwing either a 3 or 4 is 1 in 3.

What is probability for dummies? The probability of an event is a number indicating how likely that event will occur. This number is always between 0 and 1, where 0 indicates impossibility and 1 indicates certainty. A classic example of a probabilistic experiment is a fair coin toss, in which the two possible outcomes are heads or tails.

What is probability grade 12? Probability of an event: a real number between and inclusive of 0 and 1 that describes how likely it is that the event will occur. A probability of 0 means the outcome of the experiment will never be in the event set. A probability of 1 means the outcome of the experiment will always be in the event set.

What does the u mean in probability? The symbol "?" (union) means "or". i.e., P(A?B) is the probability of happening of the event A or B. To find, P(A?B), we have ASSAM POLYTECHNIC FIRST SEMISTER QUESTION PAPER

to count the sample points that are present in both A and B. So is P(A?B) = P(A) + P(B)?

How to solve probability class 12? Conditional Probability: If A and B are two events with the same sample space, then the conditional probability of event A given that B has occurred is calculated by the formula P(A|B) = P(A?B)/P(B), provided P(B)? 0.

What is an example of a probability question in math? Example 1: A coin is thrown 3 times . what is the probability that atleast one head is obtained? Example 2: Find the probability of getting a numbered card when a card is drawn from the pack of 52 cards. Example 3: There are 5 green 7 red balls.

What is the easiest way to learn probability? In math, the probabilities that are easiest to calculate involve experiments where there are a number of distinct and equally likely outcomes. In such cases, calculating the probability of events is easy! You simply count the number of favorable outcomes and divide it by the total number of possible outcomes.

How to find probability of a or b? The rule for finding the probability of either/or problems, we need to think about the possibility of one or more outcomes happening together. The formula for finding the either/or probability is P(A or B) = P(A) + P(B) - P(A and B).

What is the basic rule of probability? The probability formula is the ratio of the possibility of occurrence of an outcome to the total number of outcomes. Probability of occurrence of an event P(E) = Number of favorable outcomes/Total Number of outcomes.

What is the famous probability formula?

How to find total outcomes in probability? To find the total number of outcomes for two or more events, multiply the number of outcomes for each event together. This is called the product rule for counting because it involves multiplying to find a product.

How to find probability distribution class 12?

What is the formula for the total probability theorem Class 12? What Is The Formula Of Theorem Of Total Probability? The formula of the probability of happening of event A from the different partitions is P(A) = P(E1)P(A/E1) + P(E2)P(A/E2) + P(En)P(A/En). This formula is useful to find the total probability of the event from the different partitions of the sample space.

What is the formula for solving probability? Calculating probabilities is expressed as a percent and follows the formula: Probability = Favorable cases / possible cases x 100.

How to find mean in probability class 12?

What are the 4 types of probability? Probability is of 4 major types and they are, Classical Probability, Empirical Probability, Subjective Probability, Axiomatic Probability. The probability of an occurrence is the chance that it will happen. Any event's probability is a number between (and including) "0" and "1."

How do you solve a probability distribution step by step? Step 1: List out all possible outcomes of the experiment. Step 2: Count the total number of outcomes and calculate the probability of each outcome. Step 3: Display the information in a histogram with probabilities on the vertical axis and outcomes on the horizontal axis.

What is the formula for variance in probability class 12? The variance of a random variable shows the variability or the scatterings of the random variables. It shows the distance of a random variable from its mean. It is calculated as $2x^2 = Var(X) = 2i(x^2 + 2i) = 2i(x^2$

What are the three laws of probability? The three rules of probability are the multiplication rule, addition rule, and compliment rule. The multiplication rule is used when calculating the probability of A and B. The two probabilities are multiplied together. The Addition rule is used when calculating the probability of A or B.

What is the multiplication rule in probability? The multiplication rule of probability states that the probability of the events, A and B, both occurring together is equal to the probability that B occurs times the conditional probability that A occurs given that B occurs. The multiplication rule can be written as P(A?B)=P(B)?P(A|B).

How to calculate the law of total probability? 1.24 - Law of total probability. =?i(A?Bi) by the distributive law (Theorem 1.2). Now note that the sets A?Bi are disjoint (since the Bi's are disjoint). Thus, by the third probability axiom, P(A)=P(?i(A?Bi))=?iP(A?Bi)=?iP(A|Bi)P(Bi).

How to calculate total number of outcomes in probability? To find the total number of outcomes for two or more events, multiply the number of outcomes for each event together. This is called the product rule for counting because it involves multiplying to find a product.

What is the rule for calculating probability? The probability formula is the ratio of the possibility of occurrence of an outcome to the total number of outcomes. Probability of occurrence of an event P(E) = Number of favorable outcomes/Total Number of outcomes.

What is the formula for probability tricks?

What is probability grade 12? Probability of an event: a real number between and inclusive of 0 and 1 that describes how likely it is that the event will occur. A probability of 0 means the outcome of the experiment will never be in the event set. A probability of 1 means the outcome of the experiment will always be in the event set.

What is the formula of probability with an example? The experimental probability can be calculated based on the number of possible outcomes by the total number of trials. For example, if a coin is tossed 10 times and head is recorded 6 times then, the experimental probability for heads is 6/10 or, 3/5.

What is the formula for calculating combinations? To find the total number of combinations of size r from a set of size n, where r is less than or equal to n, use the combination formula: C(n,r)=n!/r!(n-r!) This formula accounts for combinations without repetition, and a different formula is necessary to compute the total number of combinations with repetition.

Apakah Chevrolet Captiva bensin boros? Dikutip dari laman carmudi, konsumsi BBM Chevrolet Captiva Diesel dapat dikatakan cukup irit, yakni 10,6 Km/liter untuk pemakaian dalam kota.

Berapa cc Chevrolet Captiva?

Chevrolet Captiva AWD tahun berapa? 2009: Tidak lama setelah mesin diesel diluncurkan, GMI kembali menambah varian Captiva dengan meluncurkan Captiva Diesel berpenggerak empat roda atau biasa disebut AWD (All Wheel Drive). Tipe ini menjadi varian terakhir yang diperkenalkan dan saat itu sebagai satu-satunya yang mengadopsi AWD dikelasnya.

Chevrolet Captiva mesin apa? Mesin diesel 2,0 liter DOHC DBW dengan Variable Geometry Turbocharger dan Intercooler dipadukan dengan pilihan sistem penggerak semua roda dan penggerak roda depan, keduanya didukung dengan transmisi otomatis enam kecepatan, serta menghasilkan tenaga dan besaran torsi yang sama, yakni sebesar 163 PS pada putaran 3800 ...

Apakah Chevrolet Captiva bisa pakai solar biasa? Sebab Chevrolet Captiva diesel tidak disarankan untuk menggunakan bahan bakar kualitas rendah (solar), ataupun biodiesel B20.

Berapa km per liter Captiva diesel? konsumsi BBM Chevrolet Captiva Diesel sekitar 8 km/liter.

Chevrolet Captiva termasuk jenis mobil apa? Daewoo Winstorm atau Chevrolet Captiva adalah mobil berjenis crossover SUV produk General Motors (GM) cabang Korea Selatan, yakni GM Daewoo yang memiliki kapasitas 7 penumpang.

Berapa tangki Captiva diesel? Chevrolet Captiva 2.4L bermesin bensin diisi dengan Pertamax dan 2.0L bermesin diesel diisi dengan Bio Diesel, masing-masing memnpunyai kapasitas tangki BBM sebesar 65 liter.

Chevrolet Captiva Penggerak Roda apa? Chevrolet Captiva diesel mengusung mesin 2.000 cc, dengan varian penggerak roda depan dan All-Wheel Drive (AWD) yang bisa diandalkan saat melibas berbagai medan jalan. Kini, harga Chevrolet Captiva diesel bekas tahun 2014-2018 di pasaran berkisar Rp 135 juta sampai Rp 260 jutaan tergantung kondisi dan tipenya.

Captiva pakai oli apa? Oli Mobil Chevrolet Captiva Diesel Chevrolet Captiva Diesel harus menggunakan spesifikasi oli yang sesuai dengan buku manual. Adapula

spesifikasi yang disarankan yaitu 5W-40 atau 10W-40 berbahan dasar oli mesin diesel sebanyak 6 liter.

Kenapa Chevrolet Captiva disebut badak? "Memang biasanya julukan mobil diambil dari binatang, pertama maunya gajah tapi ternyata sudah ada yang pakai, lalu kita akhirnya mikir jadi badak karena Captiva tenaganya kuat dan bandel. Ini dibicarakan waktu 3C dilantik di Pelabuhan Ratu," ujar Djoko di Jakarta, Selasa (13/1/2015).

Berapa Seat Chevrolet Captiva?

Apakah ngebut boros bensin mobil? Saat Anda memacu kendaraan dengan kecepatan tinggi alias ngebut, bensin yang digunakan akan lebih banyak dan begitu pula sebaliknya.

Berapa kapasitas tangki Captiva? Chevrolet Captiva 2.4L bermesin bensin diisi dengan Pertamax dan 2.0L bermesin diesel diisi dengan Bio Diesel, masing-masing memiliki kapasitas tangki BBM sebesar 65 liter sedangkan Chevrolet Optra Magnum yang diisi Pertamax memiliki kapasitas 60 liter.

Berapa Konsumsi BBM Chevrolet Spin? Jadi satu liter untuk 9.3 km (kombinasi).

Apa yang membuat mobil injeksi boros bensin? Sistem injeksi bahan bakar yang tidak berfungsi dengan baik dapat menyebabkan mobil boros bensin. Komponen seperti fuel injector yang kotor atau rusak dapat menghambat distribusi bahan bakar yang efisien ke mesin.

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