GOLDEN APPLE SNAIL POMACEA CANALICULATA LAMARCK IN

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Where are Pomacea canaliculata found? Pomacea canaliculata is now widespread in Asia, but also in New Guinea, Hawaii, Guam, several Caribbean Islands, Egypt, South Africa, and Spain. In North America, it is established in inland Florida, Georgia, and California. It is now established in the San Francisco Estuary Delta, where it was first found in 2021.

Where is Kuhol found? "Golden kuhol" is native to South America and was introduced to farmers in the Philippines in the 1980s from Argentina via Taiwan, to increase farmers' income and enrich the protein in their diet.

Where are golden apple snails found in the world? The golden apple snail (GAS), Pomacea canaliculata (Lamarck) is a large freshwater snail native to tropical and substropical South America that later spread to Taiwan, Japan, Southeast People's Republic of China, and the Philippines.

What is the problem of golden apple snail? Golden apple snail is widely distributed all over the Philippine islands attaining a pest status of national importance. Environmental impacts: The environmental impacts are extinction of native apple snails, toxicity to fingerlings and other aquatic organisms. Contamination of water reservoirs by run off and flooding.

Where can you find apple snails? Lives in tropical areas, in slow-moving fresh water including rice and taro growing areas, ponds, ditches, wetlands and slow-moving streams. Native to South America, believed to have been introduced as a food crop, although also available in aquarium stores.

What countries are apple snails in? The species has also been found in the Philippines, Japan, Korea, Taiwan, Vietnam, Cambodia, Laos, Papua New Guinea, parts of Indonesia and Malaysia, Singapore, and Guam. In 1980, the apple snail was introduced to south-east Asia as a food item and aquarium pet.

Is golden apple snail edible? The golden apple snail was introduced from its native South America to Taiwan in the 1980s, primarily as a food source for people and for commercial purposes (Cowie, 2005).

Where are apple snail eggs? These species lay eggs above the waterline on almost any hard surface.

Where in the world are apple snails a problem? As a result of their introduction to non-native regions, apple snails have also become a serious threat to regional crop production; they've had deleterious effects on rice crop production throughout Asia and the taro industry in Hawaii.

What kills golden apple snails? Other reported plants include starflower (leaves) [Calatropis giganta], neem tree (leaves) [Azadirachta indica], and asyang [Mikania cordata] contain substances that can kill golden apple snails. These are highly recommended before transplanting rice.

What attracts golden apple snail? Jackfruit, papaya fruit and leaves, cassava leaves, water spinach, banana leaves and old newspapers have also been evaluated as potential attractants of apple snails, where jackfruit was found to show the highest attractiveness for the apple snails (Amzah & Yahya, 2014). ...

How to identify golden apple snails? Identification. Golden apple snail colour is variable, often golden, yellow or brown. They are large when mature, with a shell diameter of 3 to 8 cm. These snails have a distinct flat operculum carried on the back of the body behind the shell.

Do golden apple snails eat fish? Apple snails won't refuse brine shrimps and other frozen foods or even dead fish and insects. Even other snails can appear on the menu of an apple snail (this has been reported for Pomacea canaliculata and Marisa cornuarietis). This makes them also a good option for tank cleaning.

Are apple snails good or bad? As with any invasive species, apple snails will overpopulate and steal resources away from native species, disrupting natural ecological processes. They consume large quantities of plant material, damaging important habitat for native fish and wildlife.

Why were apple snails banned? Apple snails are one of the most invasive species on our planet. Consuming several plants that provide food and habitats for various wildlife, and disrupting entire ecosystems, these snails have earned a permanent ban from the United States, only allowed in the country for research.

Where are vampire snails found? It is commonly known as the vampire snail because it feeds on the blood of fish when they are asleep. Colubraria reticulata are commonly found in rocky and coral environments that are tropical or subtropical and temperate seas.

Where is the assassin snail located? This Southeast Asian snail is found in Thailand, Malaysia, and the island of Sumatra in Indonesia. Because of its small size, one snail can easily live in 2 gallons of water or more at temperatures of 70–80°F (21–27°C). Like most snails, it prefers alkaline pH from 7.2–8.0 and moderate to hard GH.

Where are snail fossils found? Fossil snails can be found in Ordovician, Silurian, Devonian, Carboniferous, Permian and Cretaceous rocks.

Where are escargot snails found? Where do Escargots come from? Helix aspersa, locurum and pomatia originate from different regions of Europe, but all three major edible snail species thrive in the wilderness surrounding the Alps in Eastern France. The escargots are commonly seen sliding along the French countryside after heavy rains in search of food.

What is vernier scale in physics? A vernier scale /v?r?ni???r/ ver-NEE-er), named after Pierre Vernier, is a visual aid to take an accurate measurement reading between two graduation markings on a linear scale by using mechanical interpolation, thereby increasing resolution and reducing measurement uncertainty by using vernier acuity to reduce human ...

What is the formula for vernier caliper in physics? Answer: In case of a vernier caliper, it's the least count's formula is given by the formula provided below. Vernier caliper's least count = the smallest reading within main scale/ Number of divisions within vernier scale = 1 mm \div 10 divisions = 0.1 mm.

What is the use of vernier caliper in physics experiment? Using this instrument to measure outside and inside dimensions of cylindrical shaped objects is one of the few experiments in modern physics. These were some applications of vernier calipers. If you wish to find out more, download BYJU'S The Learning App.

How do you solve a vernier? Look at the 0 mark on the vernier scale lining with the main scale. That gives the main scale reading. Next, look for the point on the vernier scale, which is aligned with the main scale, which gives the vernier scale reading. It is important to note that the readings will most of the time be in decimals.

What is 0.02 least count? Least count is the smallest value any instrument can read or measure. You may hear of vernier caliper of least count 0.02 mm, which means the minimum value vernier can measure is 0.02 mm. You can't measure a value less than 0.02 mm with this vernier calliper.

How does vernier calculate velocity? In Vernier Video Analysis, velocity is calculated using a numerical derivative.

How do you read a vernier caliper in physics?

How do you use a vernier scale step by step? Once the jaws are closed around the object, look at the number on the main scale that lines up with the sliding scale's zero. Then, find the mark on the Vernier scale that lines up with a number on the main scale. Finally, add those two numbers together to get your measurement.

What is the vernier constant in physics? Vernier constant is defined as the difference between the value of one main scale division and one vernier scale division. It is also known as the least count of vernier calliper i.e the minimum length that can be measured accurately using this instrument.

What is vernier equal to? A vernier has 10 divisions and they are equal to 9 divisions of the main scale in length.

What is the vernier Theorem? The vernier caliper is mainly used for measuring diameters of objects, both internal and external. The technique for measurement is to first read the main scale to the nearest division. Then the vernier scale is used to measure the distance between the two main scale divisions which provides more accurate measurements.

What is the 3 basic uses of a vernier caliper? Vernier calipers are used to measure the distance between objects. They are used to measure the dimensions of an object. They can measure both internal and external dimensions accurately. They are used to measure exact linear measurements in various fields.

How to calculate vernier coincidence? The number of division (n) on the vernier which coincides perfectly with any one of the main scale divisions is noted. This is called vernier coincidence (V.C). The vernier coincidence (V.C=n) is multiplied by least count to get the fraction of a main scale division.

How to measure in a vernier caliper? To measure the width of an object, the object is placed between the caliper's jaws. The sliding jaw is then moved until the object is gripped firmly between the jaws. Find where the 0 mark of the vernier scale lines up on the main scale. In this case, it is between 1.1 and 1.2 cm.

What is the formula of vernier caliper experiment? We'll first determine the vernier constant (VC), which is the least count (L.C) of the vernier calliper and record it stepwise as in the equation, L.C = 1 MSD - 1 VSD. Now, bring the movable jaw in close contact with the fixed jaw and find the zero error.

How do you calculate error in vernier?

How do you read a vernier calculator?

How to solve vernier caliper problems?

How does the vernier caliper work? The Vernier caliper works on the principle of the alignment of certain numeral lines, giving an accurate reading of the measurement. The vernier calipers have two scales that coincide according to the size of the object, which is placed between two holders of the instrument.

How to read vernier caliper pdf? The simplest method is to read the position of the pointer directly on the scale. When the pointer is between two markings, the user can mentally interpolate to improve the precision of the reading.

How does Vernier decrease the least count of a scale? The least count of a vernier callipers can be decreased by increasing the number of divisions on the vernier scale.

How to use a photogate in physics? Pendulum Timing mode uses a photogate connected to an interface. The timing begins when the photogate is first interrupted. The timing continues until the photogate is interrupted twice more, so that you get the time for a complete swing of a pendulum or other oscillating object.

How do you count velocity? To figure out velocity, you divide the distance by the time it takes to travel that same distance, then you add your direction to it. For example, if you traveled 50 miles in 1 hour going west, then your velocity would be 50 miles/1 hour westwards, or 50 mph westwards.

How to calculate the least count? The least count is calculated by dividing the main scale reading with the total number of divisions on the secondary scale. It represents the accuracy of measurement. The distance traveled in one whole rotation in the main scale division is called the pitch of the micrometer.

What is the formula for the vernier constant? The minor count or the vernier constant of a vernier caliper is determined using the Smallest division on the exterior main scale divided by the Number of divisions on the Vernier scale. Hence, the vernier constant of a vernier constant = Smallest division on main scale / Number of divisions on Vernier scale.

Why do we use zero correction? zero error is necessary for measuring instruments to get accurate results and it also helps in checking the instrument whether it is working right or whether it is working wrong. Note: The smallest and accurate value that can be measured on the scale of an instrument is known as the least count of the instrument.

How do you measure using a vernier scale?

What is the basic principle of the vernier scale? The Vernier caliper works on the principle of the alignment of certain numeral lines, giving an accurate reading of the measurement. The vernier calipers have two scales that coincide according to the size of the object, which is placed between two holders of the instrument.

How to read a vernier scale a level in physics?

What is the value of 1 vernier scale? Generally, a vernier scale has 10 divisions and the total length of these 10 divisions is equal to the length of 10 - 1 = 9 divisions of the main scale i.e., equal to 9 mm. Thus each division of the vernier scale is of length mm than a division.

What is the formula for the vernier constant? The minor count or the vernier constant of a vernier caliper is determined using the Smallest division on the exterior main scale divided by the Number of divisions on the Vernier scale. Hence, the vernier constant of a vernier constant = Smallest division on main scale / Number of divisions on Vernier scale.

How to read a vernier? Since the 0 mark on the sliding scale is past the 4.1, we know the measurement is 4.1mm plus the amount shown on the vernier scale. To read the vernier scale, look for a mark on the vernier scale that lines up best with a mark on the main scale. In this case, the 9 mark lines up best. So, the measurement is 4.19mm.

What is the formula for the diameter of a vernier caliper? The formula for the vernier caliper measurement is: Measurement = MSR + (VSR * L.C.) Objective: To ascertain the diameter of a spherical body.

What is the formula for vernier reading? The total reading = main scale reading +[vernier scale reading \times LC]=5+[3 \times 0.2]=5.6 cm. A vernier calliper measures the diameter of rod as 1.24cm. The vernier callipers has 10 divisions which slide over the main scale of 1MSD=0.5mm.

What is the vernier Theorem? The vernier caliper is mainly used for measuring diameters of objects, both internal and external. The technique for measurement is to first read the main scale to the nearest division. Then the vernier scale is used to measure the distance between the two main scale divisions which provides more GOLDEN APPLE SNAIL POMACEA CANALICULATA LAMARCK IN

accurate measurements.

What is the least count of a vernier scale? A vernier scale can have a minimum count of 0.01mm, while a micrometre can have a minimum count of 0.001 mm based on which scale you are using and how accurate the scale is. Note: The vernier

calliper has two scales, one of them is called the main scale and the other one is

called the vernier scale.

What are the three basic uses of vernier callipers?

What is the zero error? In more detail, zero error is a type of systematic error that

occurs when an instrument does not read zero when the quantity to be measured is

zero. This error is significant because it can lead to inaccuracies in all measurements

taken with that instrument, regardless of the actual value being measured.

How to find zero error in vernier caliper? Negative Zero Error: If the zero of the

Vernier scale is one the left of the main scale zero, then the zero error will be

negative and zero correction will be positive. To find the zero error note the number

of Vernier scale division which coincide with one of the main scale and multiply with

least count

What is the formula for vernier coincidence? The number of division (n) on the

vernier which coincides perfectly with any one of the main scale divisions is noted.

This is called vernier coincidence (V.C). The vernier coincidence (V.C=n) is

multiplied by least count to get the fraction of a main scale division.

What is the vernier principle? The principle of the vernier caliper is the alignment

of the line segments to get a more accurate measurement. The object is kept

between the jaws of the Vernier Caliper, and the graduation of the Vernier scale

which matches with the Main scale is noted.

What is the smallest reading of vernier? The least count of the Vernier caliper is

0.1 mm. That is, 0.1 mm is the smallest scale reading that can be made without

estimation. Practice reading the Vernier caliper below!

The Flea Palace: A Literary Odyssey with Elif Shafak and King Kong Gore

- **1. Introduction:** "The Flea Palace" is a captivating novel by renowned Turkish author Elif Shafak. It explores themes of identity, belonging, and the aftermath of trauma through the intertwined lives of multiple characters. The novel's portrayal of Istanbul as a vibrant yet complex city serves as a backdrop for a literary journey that challenges societal norms.
- 2. Meet Elif Shafak, the Literary Alchemist: Elif Shafak is an award-winning novelist, essayist, and activist. Her works often delve into the intersections of culture, tradition, and modernity, as well as issues of gender equality and human rights. "The Flea Palace" epitomizes her literary prowess, showcasing her ability to weave intricate narratives and connect seemingly disparate lives into a cohesive tapestry.
- **3. King Kong Gore: The Enigmatic Revolutionist:** King Kong Gore (also known as Giray) is a revolutionary figure in "The Flea Palace." A former guerrilla fighter with a troubled past, he represents the complexities of political struggle and the sacrifices made in the pursuit of social justice. Gore's relationship with the protagonist, Bonbon, further highlights the human toll of conflict and the resilience of the human spirit.
- **4. Exploring Identity and Belonging:** Through the characters of Bonbon, Orhan, and Armanoush, "The Flea Palace" examines the multifaceted nature of identity and belonging. Bonbon, a trans woman, struggles to navigate a society that often marginalizes her. Orhan, a journalist, grapples with the complexities of his family history and his own place in contemporary Turkey. Armanoush, an Armenian genocide survivor, carries the burden of her past and the search for justice.
- **5. A Journey of Healing and Transformation:** "The Flea Palace" ultimately becomes a journey of healing and transformation for its characters. Bonbon's search for acceptance, Orhan's pursuit of truth, and Armanoush's quest for closure are all intertwined in a story that explores the power of empathy, forgiveness, and the resilience of the human spirit. Elif Shafak invites readers to reflect on the human condition, the complexities of history, and the transformative potential of storytelling.

Sister Midnight: A Journey into the Unknown

Who is Sister Midnight?

Sister Midnight is a mysterious and enigmatic figure who has captivated listeners for decades with her nocturnal radio broadcasts. From her hidden studio in the heart of London, she weaves tales of the supernatural, the unexplained, and the occult. Her voice is soothing yet unsettling, drawing listeners into a world where the boundaries between reality and the unknown blur.

What are her broadcasts like?

Sister Midnight's broadcasts are a mix of eerie music, haunting sound effects, and spine-tingling stories. She delves into the paranormal, exploring mysteries such as ghosts, aliens, and unexplained phenomena. Her voice whispers secrets and unravels the tapestry of the unseen, leaving listeners mesmerized and questioning their perceptions.

How does she affect her listeners?

Sister Midnight's broadcasts have a profound impact on her listeners. Some find solace in her tales, while others are left haunted by the unsettling truths she reveals. Her words resonate with those who seek connection to the unseen and yearn for a deeper understanding of the mysteries that surround us.

Why is she so popular?

Sister Midnight's popularity stems from her ability to tap into our collective fears and fascinations with the unknown. By exploring taboo subjects and challenging conventional beliefs, she invites listeners to embrace the shadows and question the nature of reality. Her broadcasts offer a glimpse into a hidden realm where anything is possible, capturing the imaginations of those who dare to listen.

Where can you listen to Sister Midnight?

Sister Midnight's broadcasts are available on various platforms, including podcasts and streaming services. Her nocturnal transmissions can be heard in the deepest hours of the night, inviting listeners to tune in and experience the thrill of the unknown. With her enigmatic voice and captivating stories, Sister Midnight continues to be a beacon of mystery and enchantment in the world of the paranormal.

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