Read the articles below then answer the questions by filling in the blanks

\$1,500 for 'naturally refined' coffee? Here's what that phrase really means.

These solitary, short-legged mammals are often fed poor diets in captivity that may include only the coffee cherries, leaving them emaciated and ill, work by D'Cruze and others has found.

7...... "If you give them only coffee berries that's not a balanced diet. That will lead to health problems and, ultimately, death," he says.

Answer the questions above by choosing the letter of the correct answer.

- **A.** The priciest kopi luwak offerings comes from wild civets that wander the forest and, as part of their natural diet, eat coffee cherries that are then excreted, collected, washed, and processed.
- **B.** One recent market analysis valued the kopi luwak coffee industry at \$6.5 billion in 2021.
- **C.** All require further scrutiny, D'Cruze says by email.
- **D.** A small amount is also sold online.
- **E.** Exotic coffee, often sourced from remote and unique locations around the world, is celebrated for its distinctive flavours and aromas.
- **F.** Direct-to-consumer sales of elephant poop coffee exploded when people were at home and eager to try something new, Dinkin says.
- **G.** There's Brazil's bird poop coffee, made from the washed and roasted coffee cherries gathered from the faeces of the jacu, an endangered South American bird.
- **H.** Those captive civets may only live two or three years, says Vincent Nijman, who directs wildlife trade research at Oxford Brookes University in the U.K

Food systems: supporting the triangle of food security

Food processing and packaging also play essential roles in making nutritious food more readily available and helping to minimise food loss: globally, around 30 percent of food produced is wasted. As a leading food processing and packaging solutions company, Tetra Pak is committed to increasing global access to safe nutrition through innovative 12.....H available to consumers over vast distances, while also helping to reduce food waste. What's more, the aseptic cartons themselves are designed to be recyclable, and are usually made from around 70 percent paperboard.

Answer the questions above by choosing the letter of the correct answer.

- **A.** Producers and consumers should be encouraged to embrace meat alternatives such as plant-based proteins, including nuts, beans, and seeds.
- **B.** Despite this, 828 million people go to bed hungry and as many as 2.4 billion struggle to get regular access to sufficient food.

- **C.** This requires a shift from intensive industrial agriculture to less destructive land management, including a reduced reliance on monoculture supported by chemical fertilisers and pesticides.
- **D.** This collaboration provides practical support and enables the sharing of expertise on best practices to ensure food safety and quality control.
- **E.** And underpinning both sides is the base of the triangle—the need to contribute to the livelihoods of people around the world working across the entire food supply system.
- F. Achieving food security and improved nutrition is integral to many of the United Nations Sustainable Development Goals (SDGs) and is commonly taught in schools.
- **G.** The first challenge is improving food access—getting enough nutritious food to everyone in a way that ensures food safety, while still promoting a healthy diet.
- **H.** Aseptic processing and packaging ensure that both food and packaging materials are free of harmful bacteria; this enables a product's long shelf life without the need for preservatives or refrigeration.

The White Lung Syndrome

The term "white lung syndrome" refers to the whiteness that appears on an x-ray of the lungs of a patient with pneumonia. **15....** "What people have called white lung syndrome appears to be just standard pneumonia," Wu says.

The four main types of pneumonia that are characterised based on the cause: bacterial, viral, fungal, and hospital-acquired.

18...... "Most pneumonias don't ultimately get a diagnosis" of what is causing it. Instead, doctors will treat pneumonia based on a patient's symptoms and their medical history, using this information to determine the best course of treatment.

Answer the questions above by choosing the letter of the correct answer.

- **A.** To diagnose pneumonia, a doctor will use a stethoscope to check a patient's breathing, listening for a characteristic crackling sound, similar to the sound of crumpling paper, Wu says.
- **B.** For many patients, treating pneumonia with an antibiotic will help resolve their symptoms, and help them start to feel better within days of starting treatment.
- **C.** It can lead to deadly consequences—including a lack of oxygen and blood infections—if left untreated.
- **D.** Fungal pneumonias are rare, and usually found in patients with pre-existing conditions, such as a compromised immune system.
- **E.** For the most part, "there's no way to tell if pneumonia is being caused by a bacterium, a virus, or a fungi just by examination," Wu says.
- **F.** Normally, lungs appear dark on an x-ray, but when inflammation or mucus is present, these can appear as white patches or spots and is a hallmark often used to diagnose pneumonia.
- **G.** Many of these viral infections begin in the upper airways, then travel down into the lungs.
- Did you know that the word "pneumonia" comes from the Greek word "pneumon," which means "lung"?

The quest for the Holy Grail began long before King Arthur

The Holy Grail has occupied a central place in the Western imagination for millennia, whether as a sacred relic, a lost treasure, or an object of unattainable perfection. But the Grail did not begin as any of those things. Rather it was a simple cup at the Last Supper. **22......**Written around A.D. 53, Paul's words are heard every Sunday by many Christian worshippers around the world: "In the same way, after supper he took the cup, saying, 'This cup is the new covenant in my blood; do this, wherever you drink it, in remembrance of me" (1 Corinthians 11:25).

Helena is credited with finding several relics, most notably the True Cross on which Jesus was crucified. Other items associated with her pilgrimage were a nail from the Crucifixion and the seamless robe Jesus wore on the cross. Helena also identified the tomb where Jesus was buried, the future site of the Church of the Holy Sepulchre, built on Roman orders. From that point on, relics would play a fundamental role in Christian worship, especially those related to the Passion, such as the Crown of Thorns, the Holy Lance that pierced Jesus' side, and the Holy Sponge used to moisten Jesus' lips during his suffering. 27......

Answer the questions above by choosing the letter of the correct answer.

- **A.** Of all the objects associated with Christ, the chalice used at the Last Supper would prove the most elusive.
- **B.** His mother, Helena, was a Christian herself and believed to be instrumental in her son's conversion.
- **C.** The earliest reference to it can be found in Paul's First Letter to the Corinthians, the basis of the sacrament of the Eucharist.
- **D.** In Jerusalem he saw "the sponge and the reed, about which we read in the Gospel; we drank water from this sponge.
- **E.** It was around this time that the original cup used by Jesus at the Last Supper began to appear in literature.
- **F.** The chalice, often made of precious metals and sometimes adorned with jewels, symbolises the Last Supper.
- **G.** The oldest Gospel account of the Last Supper is that of Mark, written sometime after Paul's epistle but before the destruction of the Jewish Temple in A.D. 70.
- **H.** She had the invaluable help of Eusebius of Caesarea, a bishop and historian from Palestine whose Ecclesiastical History laid the foundations for the official history of Christianity.

American crocodiles are spreading north in Florida. That's a good thing.

On a canal bank lined with palm trees off the Banana River in Satellite Beach, Florida, in October, a 10-foot-long American crocodile basked in the midday sun, its toothy jaws opening as neighbours looked on from their docks.

But over the past few years, verified sightings of American crocodiles north of the Everglades have climbed, and experts believe the reptiles may be reclaiming at least some of their homeland. Though no one knows how many crocodiles live in northern Florida, the increase in sightings

While alligators have made themselves at home in just about any water body in Florida, including swimming pools, crocodiles are not as flexible, and need mangrove forests to thrive. Though once the dominant coastal habitat in southern Florida, many mangrove forests have been destroyed by construction and hurricane activity supercharged by climate change.

Answer the questions above by choosing the letter of the correct answer.

- **A.** Just like American alligators, American crocodile populations in Florida took a downturn largely due to habitat destruction.
- **B.** Despite this power, crocodile jaws are not designed for chewing. Instead, they swallow their prey in large chunks or even whole.
- **C.** Nonetheless, the commission decided it was in everyone's best interest to intervene.

- **D.** Many Floridian coastal estuaries have lost as much as 60 percent of their mangrove forest cover in the past century.
- **E.** "When you have a healthy population of animals, they have to find more areas to occupy, and these crocodiles are moving up the coast in response to that."
- **F.** Florida is the only place in the world where alligators and crocodiles coexist in the wild.
- **G.** For instance, Everglades National Park and Florida Bay, to the park's south, still experience disrupted flows, which is why crocodiles are scarce there, according to data collected by CrocDocs, a multidisciplinary team at the University of Florida.
- **H.** Thanks to mangrove forest conservation, their numbers have risen dramatically from an estimated all-time low of around 150 to around 2,000 individuals in the state of Florida.

How these parrots went from the tropical jungle to the concrete jungle

Temple City, California, is an unassuming city east of Pasadena that's home to the usual busy thoroughfares, shopping malls, and residential neighbourhoods that one expects in densely developed Los Angeles County. And in addition to people and their pets, Temple City hosts a surprising avian population.

38		D	Thoug	h, se	emingly a	at o	dds with	n the d	ense	urbai	n en	vironme	nt. It
also begged the question: How did these parrots, and others like them across Los Angeles, come to													
live s	so far from	their native h	abitats in a	n env	ironment	tha	t is com	oletely	differ	ent?			
Like	most good	d Hollywood	stories, th	e orig	in of Lo	s A	ngeles's	thrivir	ıg wil	d par	rot	population	on is
deba	ited and sh	rouded in my	yth. Some t	race i	t back to	the	closure	of Bus	ch Ga	ardens	s Va	n Nuys ir	n the
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Parrots are popular household pets, and some can live to be 80 years old. With over 30 species of parrots currently living in the Los Angeles area, it's likely that pet birds have escaped over the years and made their way to flocks where they found mates and reproduced.

The parrots' main impact has been to amuse or annoy people during the raucous overflights of large flocks. However, due to the severe decline of one species in its native landscape, there may be an important second act for L.A.'s parrots.

Answer the questions above by choosing the letter of the correct answer.

- **A.** There are also unconfirmed stories of mass parrot releases during the 1992 riots, as well as tales of parrots being freed during a fire at a pet store in Pasadena in the 1990s.
- **B.** Individual parrots alert the flock to danger through vocalisations, and many birds means many watchful eyes.
- **C.** Unlike many non-native species, L.A.'s parrots are relatively benign and haven't displaced native birds, and therefore aren't considered invasive by the state of California.
- **D.** Witnessing the parrots returning to their evening roost was a startling and captivating experience.
- **E.** Interestingly, while parrots appear vividly colourful to us, their feathers can look even more spectacular under ultraviolet light, which is visible to other parrots.
- **F.** Native populations of these birds have been decimated by the illegal pet trade and habitat loss, declining by 95 percent.
- **G.** Out of sight, the overwhelming cacophony of the birds seemed to come from everywhere and nowhere at once.
- **H.** The parrots certainly didn't make it to Los Angeles on their own.