TKA BAHASA INGGRIS WAJIB SMA - PAKET A

Text for questions number 1 to 4!

The Komodo dragon, or *Varanus komodoensis*, is a remarkable species of lizard found only in the Indonesian islands of Komodo, Rinca, Flores, and Gili Motang. As the world's largest living lizard, it is a true relic of a prehistoric age, fascinating scientists and tourists alike. An adult Komodo dragon can grow up to 3 meters in length and weigh over 70 kilograms, making it the apex predator in its habitat.

Their survival strategy is a combination of brute force and sophisticated biological weaponry. Komodo dragons are carnivores, and their diet is varied, including deer, pigs, smaller dragons, and even large water buffalo. They are patient hunters, often waiting for hours for prey to cross their path. A Komodo's bite is its most formidable weapon. For a long time, scientists believed that bacteria in their saliva were responsible for killing their prey. However, recent research has revealed that the dragons possess venom glands. This venom, delivered with a powerful bite, causes a severe drop in blood pressure, shock, and prevents blood clotting, quickly incapacitating their victim.

The conservation status of the Komodo dragon is listed as Endangered. The primary threats to their existence are human activities, including habitat loss due to land clearing and a decrease in their natural prey. Volcanic activity and other natural disasters on their native islands also pose a

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significant risk. Conservation efforts are crucial and are primarily focused on protecting their habitats within Komodo National Park. These programs involve monitoring the dragon population, working with local communities to prevent poaching, and managing tourism to minimize its impact on the ecosystem.

The future of this magnificent species depends on a delicate balance between human interests and wildlife preservation. Protecting the Komodo dragon means preserving a unique piece of Earth's natural heritage for future generations to marvel at.

No. Soal	1
Kompetensi	Pemahaman Tekstual
Subkompetensi	Mengidentifikasi informasi tersurat dalam teks.
Bentuk Soal	Pilihan Ganda

SOAL

According to the text, what is the most recent scientific finding about the Komodo dragon's bite?

A. Their saliva contains deadly bacteria that infect the prey.

B. They possess venom glands that incapacitate their victims.

C. Their bite is dangerous mainly due to its powerful jaw strength.

D. They hunt by patiently waiting for their prey to die of exhaustion.

E. The bacteria in their mouth are harmless to larger animals.

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No. Soal	2
Kompetensi	Pemahaman Inferensial
Subkompetensi	Menyimpulkan tujuan penulisan teks.
Bentuk Soal	Pilihan Ganda

SOAL

What is the main purpose of the author in writing this text?

A. To persuade tourists to visit Komodo National Park.

B. To criticize the lack of government effort in conservation.

C. To provide a comprehensive overview of the Komodo dragon, including its characteristics, hunting methods, and conservation status.

D. To compare the Komodo dragon with other prehistoric predators.

E. To focus solely on the scientific debate about the dragon's saliva.

No. Soal	3
Kompetensi	Evaluasi dan Apresiasi
Subkompetensi	Menilai kesesuaian bagian teks untuk menggambarkan suatu aspek.
No. Soal	3
Bentuk Soal	PGK MCMA (Pilihan Ganda Kompleks - Multiple Correct Multiple Answer)

SOAL

Which of the following statements best illustrate the Komodo dragon's status as an "apex predator"?

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Choose the correct answers! More than one answer is correct.

[ ] An adult Komodo dragon can grow up to 3 meters in length.

[ ] Their diet is varied, including deer, pigs, ... and even large water buffalo.

[ ] Volcanic activity and other natural disasters ... also pose a significant risk.

[ ] This venom, delivered with a powerful bite, ... quickly incapacitating their victim.

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No. Soal	4
Kompetensi	Pemahaman Inferensial
Subkompetensi	Menyimpulkan hubungan sebab-akibat.
Bentuk Soal	Pilihan Ganda

SOAL

What can be inferred as the primary cause for the Komodo dragon's "Endangered" status?

A. The volcanic activity on their native islands.

B. The scientific research that disturbs their natural behavior.

C. The impact of human activities on their habitat and food source.

D. The presence of venom glands which makes them a target for hunters.

E. Their inability to compete with other predators in the area.

Text for questions number 5 to 7!

Last year, I decided to step out of my comfort zone and join a three-day volunteer program to clean a remote beach. The journey itself was an adventure, involving a long bus ride and a short boat trip. When we arrived, I was shocked to see the amount of plastic waste washed ashore, covering the beautiful white sand. It was a disheartening sight, but it also fueled my determination.

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Our team, consisting of twenty volunteers from different cities, was divided into smaller groups. My first task was to collect plastic bottles and sort them into large bags. The sun was scorching, and the work was physically demanding. Within a few hours, my back ached, and I was drenched in sweat. There was a moment when I felt overwhelmed, thinking our efforts were just a drop in the ocean. However, seeing the enthusiasm of the other volunteers, some of whom were much older than me, inspired me to push on.

The most memorable moment happened on the final day. After working tirelessly, we managed to clear a significant portion of the beach. Standing there, looking at the clean shoreline with the sun setting in the background, I felt an incredible sense of accomplishment and pride. We didn't just clean a beach; we made a small but tangible difference. The experience taught me about the severity of plastic pollution and the power of collective action. I returned home not just with sore muscles, but with a renewed commitment to reducing my own plastic use.

No. Soal	5
Kompetensi	Pemahaman Tekstual
Subkompetensi	Mengidentifikasi informasi tersurat dalam teks.
Bentuk Soal	Pilihan Ganda

SOAL

What was the writer's initial feeling upon arriving at the beach?

A. Excited to start the cleaning process immediately.

B. Disappointed by the long and tiring journey.

C. Shocked and disheartened by the amount of plastic waste.

D. Overwhelmed by the heat and physical work ahead.

E. Inspired by the enthusiasm of the other volunteers.

No. Soal	6
Kompetensi	Pemahaman Inferensial
Subkompetensi	Menyimpulkan karakter tokoh.

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Bentuk Soal	PGK MCMA (Pilihan Ganda Kompleks - Multiple Correct Multiple Answer)

SOAL

Which character traits best describe the writer during the volunteer program?

Choose the correct answers! More than one answer is correct.

[ ] Easily discouraged

[ ] Determined

[ ] Reflective

[ ] Lazy

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No. Soal	7
Kompetensi	Evaluasi dan Apresiasi
Subkompetensi	Menanggapi isi teks secara emosional.
Bentuk Soal	Pilihan Ganda

SOAL

The phrase "our efforts were just a drop in the ocean" in the second paragraph is used to express the writer's feeling of...

A. satisfaction that they had started the work.

B. certainty that they could clean the entire beach.

C. frustration that their hard work seemed insignificant compared to the scale of the problem.

D. joy from working together with other volunteers.

E. anger towards the people who polluted the beach.

Text for questions number 8 to 10!

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The concept of a "smart city" is no longer science fiction; it is a rapidly developing reality. At its core, a smart city uses technology, particularly the Internet of Things (IoT), to improve the quality of life for its citizens. This involves a network of connected sensors, cameras, and devices that collect data in real-time. This data is then analyzed to manage assets, resources, and services efficiently.

There are several key areas where smart city technology is applied. One is transportation. Smart traffic lights can adjust their timing based on actual traffic flow, reducing congestion and cutting down on commute times. Smart parking systems guide drivers to available spots, saving time and fuel. Another area is energy management. Smart grids can distribute electricity more efficiently, reducing waste and preventing blackouts. Smart streetlights dim when no one is around and brighten when they detect motion, saving a significant amount of energy.

However, the implementation of smart cities also raises important challenges. The most significant concern is data privacy and security. With a vast network collecting data on citizens' movements and habits, there is a risk of this information being misused or hacked. Ensuring that

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this data is secure and used ethically is paramount. Another challenge is the high initial cost of installing the necessary infrastructure, which can be a major barrier for many cities. Finally, there is the risk of creating a "digital divide," where citizens who are less tech-savvy are left behind and cannot access the benefits of a smart city. Addressing these issues is crucial for creating smart cities that are not only efficient but also equitable and secure.

No. Soal	8
Kompetensi	Pemahaman Tekstual
Subkompetensi	Mengklasifikasi informasi dalam teks.
Bentuk Soal	PGK Kategori (Pilihan Ganda Kompleks - Kategori)

SOAL

Based on the text, classify the following items as either a 'Benefit' or a 'Challenge' of a smart city.

Click 'Benefit' or 'Challenge' for each item!

Item	Benefit	Challenge
Reduced traffic congestion		
Potential misuse of personal data		
High cost of infrastructure		

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No. Soal	9
Kompetensi	Pemahaman Inferensial
Subkompetensi	Memprediksi isi selanjutnya dari teks.
Bentuk Soal	Pilihan Ganda

SOAL

If the author were to add another paragraph to the text, what would be the most likely topic?

A. A detailed history of the first smart city.

B. A technical explanation of how IoT sensors are manufactured.

C. A list of cities that have failed to become smart.

D. An exploration of potential solutions to address the challenges of privacy, cost, and digital divide.

E. A comparison of smart cities and traditional rural villages.

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No. Soal	10
Kompetensi	Evaluasi dan Apresiasi
Subkompetensi	Menilai validitas informasi.
Bentuk Soal	Pilihan Ganda

SOAL

The author presents the information in the text with the primary goal of...

A. persuading city mayors to invest in smart technology immediately.

B. warning citizens about the unavoidable dangers of living in a smart city.

C. providing a balanced overview of the smart city concept, covering both its advantages and disadvantages.

D. promoting specific technology companies that build smart city infrastructure.

E. arguing that the challenges of smart cities outweigh their potential benefits.

Text for questions number 11 to 14!

In a small, sun-baked village, fresh water was a luxury. The only source was a distant well, and the water often carried dirt, making people sick. A young girl named Elara, who loved to read science books, watched with a heavy heart as her younger brother fell ill. While others saw it as a problem with no solution, Elara saw a challenge. She spent weeks in a small shed, surrounded by sketches and discarded parts, trying to build a simple, low-cost water filter.

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Her first few attempts were failures. One device leaked, another clogged instantly. Some villagers mocked her, saying she was wasting her time on a childish dream. "You should be helping with chores, not playing with junk," an elder told her. Discouraged but not defeated, Elara remembered a chapter in her book about charcoal and sand acting as natural purifiers. This spark of knowledge reignited her determination. She decided to combine these natural materials with a simple mechanical system.

After many sleepless nights, she finally created a working prototype. It was an odd-looking contraption made of bamboo, cloth, sand, and charcoal, but it worked. When she poured the murky well water into it, a slow but steady drip of clean, clear water emerged from the other end. She presented her invention to the village elders. Initially skeptical, they were astonished when they saw the result. Her simple device began to provide safe drinking water for the entire community, and her brother's health improved. Elara's story became a local legend, a testament to how knowledge, when combined with persistence, could bring about real change.

No. Soal	11
Kompetensi	Pemahaman Tekstual
Subkompetensi	Mengidentifikasi informasi tersurat dalam teks.
Bentuk Soal	Pilihan Ganda

SOAL

What was the main problem faced by Elara's village?

A. The village was located in a hot and dry area.

B. The villagers did not have enough science books to read.

C. The only water source was far away and the water was unsafe to drink.

D. The village elders did not support new inventions from young people.

E. There were no materials like bamboo and charcoal available in the village.

No. Soal	12
Kompetensi	Pemahaman Inferensial

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Subkompetensi	Menyimpulkan karakter tokoh.
Bentuk Soal	Pilihan Ganda

SOAL

Based on the story, Elara can be best described as...

A. stubborn and lonely.

B. creative and persistent.

C. lucky and ambitious.

D. obedient and traditional.

E. shy and hesitant.

No. Soal	13
Kompetensi	Evaluasi dan Apresiasi
No. Soal	13
Subkompetensi	Menilai kesesuaian bagian teks untuk menggambarkan karakter.
Bentuk Soal	PGK MCMA (Pilihan Ganda Kompleks - Multiple Correct Multiple Answer)

SOAL

Which sentences from the text are most effective in showing Elara's determination?

Choose the correct answers! More than one answer is correct.

[ ] A young girl named Elara, who loved to read science books, watched with a heavy heart.

[ ] Her first few attempts were failures.

[ ] Discouraged but not defeated, Elara remembered a chapter in her book...

[ ] After many sleepless nights, she finally created a working prototype.

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No. Soal	14
Kompetensi	Pemahaman Inferensial
Subkompetensi	Menyimpulkan pesan moral dari teks.
Bentuk Soal	Pilihan Ganda

SOAL

What is the main message the story conveys?

A. Scientific knowledge is only useful if it is written in books.

B. Traditional communities are always resistant to new ideas.

C. It is more important to perform chores than to pursue dreams.

D. Persistence and knowledge can overcome significant challenges.

E. Success can only be achieved by working alone.

Text for questions number 15 to 20!

In an era dominated by non-fiction and the quick consumption of online articles, many argue that reading fiction is a mere form of escapism with little practical benefit. However, this view overlooks the profound cognitive and emotional advantages that engaging with narrative fiction provides. Reading fiction is not just a hobby; it is a vital exercise for the mind that cultivates skills essential for navigating the complexities of the real world.

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