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Hélène Morlon and Anna Papadopoulou: How we can detect pretty much anything | TED Talk

https://www.ted.com/talks/helene_morlon_and_anna_papadopoulou_how_we_can_detect_pretty_much_anything

All Words

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Session 1: Word List

stake

n. a share or financial investment in something such as a business; a wooden or metal post set up to mark something

synonym : share, interest, post

(1) execution by burning at a **stake**, (2) buy the company's **stake**

The **stake** of the company is too high nowadays.

tricky

adj. requiring care and skill because challenging to do or deal with

synonym : thorny, problematic, crafty

(1) **tricky** problem, (2) a **tricky** recipe to follow

We have discussed the entirety of this **tricky** problem.

trap

n. a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

synonym : catch, snare, pinfall

(1) set a **trap**, (2) **trap** an animal

The enemy fell right into the **trap**.

definitive

adj. serving to provide a final solution or to end a situation;
final and not able to be changed

synonym : conclusive, final, decisive

(1) **definitive** answer, (2) a **definitive** edition

The study provided **definitive** proof of the effectiveness of the new drug.

identify

v. to recognize someone or something and say or prove who or what they are

synonym : determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

certainty

n. the state of being certain

synonym : inevitability, confidence, assurance

(1) scientific **certainty**, (2) reach **certainty** about the theory

Through investigation, his suspicions hardened into **certainty**.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym : evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

detect

v. to find or recognize something, especially something difficult to see, hear, etc.

synonym : catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

elusive

adj. difficult to find, define, achieve, or remember

synonym : mysterious, ambiguous, inapproachable

(1) an **elusive** criminal, (2) track down an **elusive** fact
The physicist who found the **elusive** particle won the Nobel Prize.

conspicuous

adj. visible or observable; likely to draw attention

synonym: apparent, noticeable, evident

(1) a **conspicuous** achievement, (2) **conspicuous** consumption

Her golden hair was **conspicuous** in China.

lab

n. a workplace for the conduct of scientific research; a laboratory

synonym: workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

conclusive

adj. serving to settle an issue or put an end to doubt or uncertainty; irrefutable and leaves no room for doubt

synonym: decisive, definitive, convincing

(1) **conclusive** information, (2) **conclusive** statement

The research provided **conclusive** evidence that the new treatment was effective.

lynx

n. a wild cat with tufted ears, native to Eurasia and North America

synonym: feline, wildcat, bobcat

(1) **lynx** habitat, (2) **lynx** population

The Siberian **lynx** is a solitary hunter native to the boreal forests.

proof

n. a fact or piece of information that shows something is true or exists

synonym: testimony, evidence, assurance

(1) documentary **proof**, (2) a geometric **proof**

Proof is better than argument.

environment

n. the natural world such as air, water, and land in which humans, animals, and plants live

synonym: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

technique

n. a particular way or art of doing something that needs skill

synonym: approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

barcode

n. a series of parallel lines of varying width and spacing printed on a product or package, which can be read by a barcode scanner to quickly and accurately identify the product and its price

synonym: scan, QR code

(1) **barcode** reader, (2) product **barcode**

The cashier scanned the **barcode** on the packaging to ring up the price.

multicellular

adj. characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

synonym: multicelled, many-celled, complex

(1) **multicellular** tissues, (2) **multicellular** life

Multicellular organisms are composed of many specialized cells working together.

constantly

adv. all the time

synonym: continuously, always, frequently

(1) a **constantly** innovative enterprise, (2) a **constantly** varying mind

The mobile application industry is **constantly** changing.

shed

- v. to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage

synonym: discard, drop, cast off

(1) **shed** an old skin, (2) a cow **shed**

He **shed** a secret tear when he heard the news of his friend's death.

tradition

- n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

synonym: custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

parse

- v. to separate a sentence into grammatical parts, such as subject, verb, etc., and describe their syntactic roles

synonym: analyze, dissect, construe

(1) **parse** strings of the form, (2) **parse** the command line

At first, we have to **parse** out our priorities.

genetic

- adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

synonym: hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

degrade

- v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

synonym: demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

exposed

adj. having no protection or shield from something, such as bad weather, attack, or criticism

synonym : endangered, revealed, disclosed

(1) **exposed** to radiation, (2) an **exposed** rock

Tech companies often employ **exposed** ducts and other materials in their office interiors.

persist

v. to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

synonym : endure, continue, carry on

(1) **persist** over time, (2) **persist** in success

Consult your doctor if the symptoms **persist**.

context

n. the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

synonym : background, setting, environment

(1) historical **context**, (2) legal **context**

It's important to understand the **context** of a situation before making a decision.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym : procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

core

n. the most essential or fundamental part of something

synonym : center, basis, heart

(1) the **core** of an apple, (2) **core** business activity

These gas nebulas are merely newborn galactic **cores**.

soil *n.* the top layer of Earth in which plants grow
synonym : earth, ground, mud
(1) **soils** retentive of moisture, (2) parched **soil**
Soil moisture is another significant component controlling soil respiration.

vial *n.* a small glass container, especially one containing liquid medicine or perfume
synonym : container, bottle, flask
(1) glass **vials**, (2) insulin **vial**
This medication is sealed in a **vial**.

feces *n.* waste matter eliminated from the bowels; excrement
synonym : poop, stool, excrement
(1) **feces** sample, (2) human **feces**
Proper disposal of **feces** is essential for maintaining public health and sanitation.

insect *n.* any small creature that has six legs and a body divided into three sections
(1) **insect** antenna, (2) **insect** biology
These **insects** are more prevalent above a certain latitude.

leech *n.* a type of worm that feeds on the blood of humans or animals; a person who takes advantage of others for personal gain without giving anything in return
synonym : bloodsucker, parasite, sucker
(1) blood-sucking **leech**, (2) aquatic **leech** habitat
The pharmacy sells **leeches** for medicinal purposes, but they're not cheap.

stomach *n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
synonym : belly, abdomen, gut

(1) upset **stomach**, (2) **stomach** virus

I have a **stomach** ache after overeating junk food.

sift

v. to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles

synonym: filter, go through, sieve

(1) **sift** the candidates, (2) **sift** sand

The search engine helps **sift** information.

blend

v. to mix or combine two or more substances

synonym: combine, mix, intermingle

(1) **blend** all the elements, (2) **blend** milk and cream

The toad altered its appearance to better **blend** in with its new environments.

enzyme

n. a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction

synonym: catalyst, activator, accelerator

(1) **enzyme** reaction, (2) lack of digestive **enzymes**

A deficiency in the **enzyme** can lead to a medical condition.

cellular

adj. of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires

synonym: organic, biological, nuclear

(1) **cellular** and molecular biology, (2) a **cellular** phone handset

This factory employs a **cellular** manufacturing system.

protein

n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

release

v. to set free or allow to escape from confinement

synonym : free, let go, discharge

(1) **release** a prisoner, (2) **release** CO2 into the air

The animal rights group worked to **release** the dolphins back into the wild.

purify

v. to remove harmful substances from something and increase the concentration of it

synonym : refine, filter, clarify

(1) **purify** hydrogen gas, (2) **purify** the blood

The equipment is frequently used to **purify** and distribute drinking water.

polymerase

n. an enzyme that catalyzes the formation of DNA or RNA molecules from nucleotides

synonym : reverse transcriptase

(1) **polymerase** chain reaction, (2) RNA **polymerase**

The **polymerase** enzyme is essential for DNA replication.

chain

n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

synonym : series, string, link

(1) **chain** reaction, (2) supply **chain**

The **chain** on my bike broke, leaving me stranded.

reaction

n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

synonym : response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

strand

n. a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore

synonym : fiber, filament, string

(1) a **strand** of fine hair, (2) double- **strand** DNA
I heard several melodic **strands** simultaneously.

universal

adj. existing or affecting everywhere or everyone
synonym: common, broad, worldwide

(1) **universal** life, (2) principles of **universal** design
The picture earned near- **universal** acclaim from critics.

primer

n. a book or manual giving basic information about a subject often used as an introduction or means of instruction; a type of paint or other material that is applied to a surface before the final coat of paint or finish is applied

synonym: undercoat, base coat, foundation

(1) a **primer** coat, (2) computer science **primer**
I need to apply **primer** to the walls before painting them.

bind

v. to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

synonym: tie, stick to, adhere

(1) **bind** the man's hands, (2) **bind** old letters into a bundle
The company's rules **bind** the employee's working hours.

sequence

n. a series of related events, actions, numbers, etc., which have a particular order

synonym: arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**
We do move forward with those tasks in **sequence** next week.

amplify

v. to enhance something, particularly sound or brightness
synonym: intensify, boost, argument

(1) **amplify** a signal, (2) **amplify** the effect
You might need to **amplify** this point.

specify

v. to explain or state something clearly and exactly

synonym: establish, pinpoint, identify

(1) **specify** a cause, (2) **specify** an option

You can **specify** the font color by clicking the Color tab.

fragment

n. a small piece or part broken off or detached

synonym: piece, shard, segment

(1) **fragment** of a text, (2) a broken **fragment**

The archaeologist carefully pieced together the tiny **fragments** of pottery found at the dig site.

simultaneously

adv. at the same time

synonym: concurrently, coincidentally, together

(1) **simultaneously** affected, (2) take several inputs

simultaneously

Two students answered the teacher's question

simultaneously.

refer

v. to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

synonym: cite, allude, mention

(1) **refer** to a book, (2) **refer** to a map

Please **refer** to the instruction manual for further assistance.

database

n. a large amount of data stored in a computer system in such a way that it can be searched and updated easily

(1) **database** administrator, (2) employee **database**

Each country's officials can access the central **database**.

entirely

adv. completely

synonym: completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame

Later, his claim was found to be **entirely** false.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym : finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

invasive

adj. spreading very quickly, and often aggressively, and difficult to stop

synonym : aggressive, rampant, spreading

(1) **invasive** breast cancer, (2) **invasive** species

The **invasive** disease can spread quickly and potentially cause a global pandemic.

bullfrog

n. a large, aquatic frog found commonly in North America, with a deep, loud croak and rough, warty skin

synonym : toad, amphibian, frog

(1) **bullfrog** habitat, (2) giant **bullfrog**

Last night, I heard a **bullfrog** croaking near the pond.

trace

v. to find or discover someone or something that was lost

synonym : seek, follow, depict

(1) **trace** a telephone call, (2) **trace** back to medieval times

Let's **trace** the origins of some familiar foreign words.

amphibian

n. a cold-blooded animal that can live both on land and in water

synonym : frog, toad, salamander

(1) **amphibian** species, (2) **amphibian** habitat

Scientists are concerned about the rapid decline in **amphibian** populations around the world.

reintroduce

v. to bring back something that has been previously abolished or discontinued

synonym : bring back, restore, reestablish

(1) **reintroduce** species, (2) **reintroduce** capital

punishment

The government is planning to **reintroduce** wolves to the national park to restore the balance of the ecosystem.

threaten

v. to utter intentions of injury or punishment against someone

synonym: endanger, terrorize, intimidate

(1) **threaten** a healthy relationship, (2) **threaten** national security

Various artificially induced causes are **threatening** our ecosystem.

native

adj. connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place

synonym: endemic, domestic, aboriginal

(1) **native** to Africa, (2) **native** language

The vegetation here is almost wholly **native**.

disappear

v. to cease to exist or be visible

synonym: fade, evaporate, vanish

(1) **disappear** without a trace, (2) **disappear** after a week

They watched the train **disappear** into the distance.

likewise

adv. in the same way

synonym: alike, correspondingly, similarly

(1) do **likewise**, (2) please revise **likewise**

He is tall and **likewise** strong.

monitor

v. to observe, check, and track the progress or quality of something over a period of time

synonym: proctor, check, observe

(1) **monitor** an exam, (2) **monitor** the data carefully

They used a special receiver to **monitor** police radio channels.

biodiversity

n. the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

(1) **biodiversity** conservation, (2) loss of **biodiversity**

The country was instrumental in promoting the **biodiversity** treaty.

categorize

v. to put people or things into groups according to their features, types, etc.

synonym: classify, pigeonhole, sort

(1) **categorize** the image, (2) **categorize** the cause of failure

The biologist **categorized** the viruses into four groups.

hectare

n. a unit of area equal to 10,000 square meters

(1) **hectare** land, (2) housing per **hectare**

The farm spans over 100 **hectares** of land.

rainforest

n. a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

(1) **rainforest** destruction, (2) tropical **rainforest**

The destruction of the **rainforest** is a ticking time bomb for the Earth.

yield

n. the total output of crops, profits, etc. that are produced;
(verb) to produce or supply helpful something, such as a profit, an amount of food, or information

synonym: proceeds, harvest, output

(1) corn **yield**, (2) the **yield** on the bond

The company's stock gives a high **yield**.

adjacent

adj. next to, close to, or adjoining something

synonym: next, adjoining, neighboring

(1) **adjacent** to his house, (2) **adjacent** houses

Our country has military alliances with **adjacent** countries.

province

n. the territory occupied by one of the constituent administrative districts of a nation

synonym : area, section, region

(1) Bengal **province**, (2) home **province**

A network of railways has developed over the **province**.

diverse

adj. including numerous categories of individuals or entities; various

synonym : manifold, various, myriad

(1) **diverse** backgrounds, (2) a person of **diverse** talents

New York is a city with a **diverse** ethnic population.

deforest

v. to clear an area of forest or trees

synonym : clear-cut, strip, denude

(1) **deforest** a mountain, (2) **deforest** millions of acres

The company planned to **deforest** a large rainforest area to make way for a new plantation.

unequal

adj. different in amount, size, degree, or value; not fair

synonym : unfair, uneven, imbalanced

(1) **unequal** distribution, (2) **unequal** opportunity

The income inequality in the country is becoming increasingly **unequal**.

thrive

v. to grow vigorously; to make steady progress

synonym : bloom, flourish, prosper

(1) **thrive** in a society, (2) **thrive** on pressure

Without investment, a business cannot **thrive**.

specialize

v. to become an expert in a specific career field, study, or business

synonym : narrow down, particularize

(1) **specialize** in child care, (2) **specialize** in market research

The restaurant has chefs who **specialize** in beef.

beetle

n. an insect having a hard shell-like back covering its wings

(1) **beetle** brows, (2) a **beetle** larva

In ancient civilizations, the scarab **beetle** was worshiped as a sacred creature.

decline

v. to become gradually smaller, fewer, worse, etc.; to refuse to accept

synonym: descend, drop, deny

(1) **decline** a job offer, (2) **decline** in quality

As people age, their digestive capacity also gradually **declines**.

investigate

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

synonym: examine, analyze, look into

(1) **investigate** the matter, (2) **investigate** a data leak

The committee **investigated** several apparent inconsistencies.

complexity

n. the state or quality of being complicated or intricate and difficult to understand

synonym: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

ecosystem

n. all the plants and living creatures in an area and the way they affect each other and the environment

(1) marine **ecosystem**, (2) change the **ecosystem**

Human conservation efforts often fail unexpectedly because they disturb the balance of the **ecosystem**.

interaction

n. the act of connecting with someone, mainly when working, playing, or spending time with them

synonym: dealings, exchange, relations

- (1) the **interaction** between man and his environment,
- (2) **interaction** among human beings

The **interaction** of the two groups is good for brainstorming.

pollination

- n.* the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds

synonym : flowering, fertilization, cross-fertilization

- (1) **pollination** by insect, (2) the cross- **pollination** of the arts

The **pollination** process is crucial for the growth and reproduction of many plants.

observe

- v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

synonym : watch, monitor, scrutinize

- (1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

moth

- n.* an insect with wings similar to a butterfly that travels at night and is attracted to light

- (1) **moth** larva, (2) **moth** attracted to the light

The **moth** is a serious threat to the farm's output.

nocturnal

- adj.* relating to or occurring in the night; active or awake during the night

synonym : nighttime, nightly, after-dark

- (1) **nocturnal** insects, (2) **nocturnal** habits

Nocturnal animals, such as owls and bats, are active at night.

pollinator

- n.* an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a

female part of a flower, fertilizing it and allowing it to produce seeds

synonym : fertilizer, pollenizer, pollen carrier

(1) **pollinator** species, (2) beneficial **pollinator**

Bees are important **pollinators** for many crops and plants.

extinct

adj. no longer in existence

synonym : dead, obsolete, abolished

(1) **extinct** by human activity, (2) long- **extinct** volcano

Many species have become **extinct** due to habitat destruction and other human activities.

oxygen

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**

The passenger grabbed for the **oxygen** mask.

preserve

v. to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

synonym : conserve, care for, maintain

(1) **preserve** my strength, (2) **preserve** a country's heritage

They worked hard to **preserve** the nature of their native lands.

arctic

adj. of or relating to the region around the North Pole or the Arctic Ocean; very cold

synonym : cold, frozen, polar

(1) **arctic** ice, (2) high **arctic**

Cold temperatures and long, dark winters characterize the **arctic** climate.

permafrost

n. a layer of soil that is permanently below freezing, usually in polar regions

(1) **permafrost** area, (2) thawing **permafrost**

Permafrost is crucial to soil stability in arctic areas.

nutrient

n. any substance that is essential for the maintenance and growth of living things

synonym : food, vitamin

(1) **nutrient** medicine, (2) a **nutrient** for hair

They used fast-acting **nutrients** on the flowers in the flower beds.

woolly

adj. covered with thick, soft, and often curly hair or fibers; lacking clarity or precision

synonym : fuzzy, hairy, shaggy

(1) **woolly** lambs, (2) **woolly** hair

The sheep had a thick, **woolly** coat to keep it warm in the winter.

mammoth

adj. exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene

synonym : huge, large

(1) woolly **mammoth**, (2) a **mammoth** ship

The minister decided to review its **mammoth** public works projects.

colon

n. the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system

(1) **colon** examination, (2) the **colon** at the end of the sentence

Consumption of vegetables may aid in the prevention of **colon** cancer.

contribute

v. to give something, especially money or goods, to provide or achieve something together with other people

synonym : donate, devote, commit

(1) **contribute** a large sum of money to the fund,

(2) **contribute** to society

Government workers cannot **contribute** to political campaigns.

climate

n. the weather in a particular location averaged over some long period

synonym : atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

Climate and weather have an impact on every part of our lifestyles.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

shifting

adj. constantly changing or moving

synonym : unfirm, shifty, fluctuating

(1) **shifting** balance, (2) continuously **shifting** landscape

Trends in the fashion industry are so **shifting** that it is challenging to keep up with them.

crucial

adj. extremely vital or necessary

synonym : essential, pivotal, vital

(1) **crucial** information, (2) a **crucial** issue for women

The revitalization of technology companies is **crucial** to the country's growth.

fortunate

adj. having good luck or lucky

synonym : fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person

He was pretty **fortunate** to pass the exam.

Session 2: Spelling

1. a def_____ve edition *adj.* serving to provide a final solution or to end a situation; final and not able to be changed
2. inv_____te the matter *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
3. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
4. the cross-pol_____on of the arts *n.* the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds
5. con_____ve statement *adj.* serving to settle an issue or put an end to doubt or uncertainty; irrefutable and leaves no room for doubt
6. the te_____ue applied to construction *n.* a particular way or art of doing something that needs skill
7. re_____e a prisoner *v.* to set free or allow to escape from confinement
8. re__r to a book *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

ANSWERS: 1. definitive, 2. investigate, 3. sequence, 4. pollination, 5. conclusive, 6. technique, 7. release, 8. refer

- | | |
|--------------------------------------|---|
| 9. in___t antenna | <i>n.</i> any small creature that has six legs and a body divided into three sections |
| 10. th_____en a healthy relationship | <i>v.</i> to utter intentions of injury or punishment against someone |
| 11. ob_____e wildlife | <i>v.</i> to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion |
| 12. be___e brows | <i>n.</i> an insect having a hard shell-like back covering its wings |
| 13. pr_____n synthesis | <i>n.</i> a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues |
| 14. mul_____lar tissues | <i>adj.</i> characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell) |
| 15. rei_____ce species | <i>v.</i> to bring back something that has been previously abolished or discontinued |
| 16. decision-making pr_____s | <i>n.</i> a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products |
| 17. de___t a bad event | <i>v.</i> to find or recognize something, especially something difficult to see, hear, etc. |

ANSWERS: 9. insect, 10. threaten, 11. observe, 12. beetle, 13. protein, 14. multicellular, 15. reintroduce, 16. process, 17. detect

18. documentary pr__f *n.* a fact or piece of information that shows something is true or exists
19. insulin v__l *n.* a small glass container, especially one containing liquid medicine or perfume
20. mul_____lar life *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
21. ch__n reaction *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
22. pe_____t over time *v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable
23. ad_____nt to his house *adj.* next to, close to, or adjoining something
24. buy the company's st__e *n.* a share or financial investment in something such as a business; a wooden or metal post set up to mark something
25. sp_____y a cause *v.* to explain or state something clearly and exactly
26. the yi__d on the bond *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
27. inv_____te a data leak *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

ANSWERS: 18. proof, 19. vial, 20. multicellular, 21. chain, 22. persist, 23. adjacent, 24. stake, 25. specify, 26. yield, 27. investigate

28. beneficial pol_____or *n.* an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a female part of a flower, fertilizing it and allowing it to produce seeds
29. fo_____te situation *adj.* having good luck or lucky
30. pa__e the command line *v.* to separate a sentence into grammatical parts, such as subject, verb, etc., and describe their syntactic roles
31. th_____en national security *v.* to utter intentions of injury or punishment against someone
32. am_____y a signal *v.* to enhance something, particularly sound or brightness
33. pl____t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
34. am_____an habitat *n.* a cold-blooded animal that can live both on land and in water
35. a con_____us achievement *adj.* visible or observable; likely to draw attention
36. no_____al habits *adj.* relating to or occurring in the night; active or awake during the night
37. a cold cl_____e *n.* the weather in a particular location averaged over some long period
38. RNA pol_____se *n.* an enzyme that catalyzes the formation of DNA or RNA molecules from nucleotides

ANSWERS: 28. pollinator, 29. fortunate, 30. parse, 31. threaten, 32. amplify, 33. planet, 34. amphibian, 35. conspicuous, 36. nocturnal, 37. climate, 38. polymerase

39. lack of ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
40. ce_____ar and molecular biology *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
41. pol_____or species *n.* an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a female part of a flower, fertilizing it and allowing it to produce seeds
42. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
43. a cow s__d *v.* to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage
44. bio_____ity conservation *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
45. a broken fr_____nt *n.* a small piece or part broken off or detached
46. s__ls retentive of moisture *n.* the top layer of Earth in which plants grow
47. int_____on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them

ANSWERS: 39. oxygen, 40. cellular, 41. pollinator, 42. identify, 43. shed, 44. biodiversity, 45. fragment, 46. soil, 47. interaction

48. un_____l opportunity *adj.* different in amount, size, degree, or value; not fair
49. am_____an species *n.* a cold-blooded animal that can live both on land and in water
50. bu_____og habitat *n.* a large, aquatic frog found commonly in North America, with a deep, loud croak and rough, warty skin
51. a ce_____ar phone handset *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
52. less fo_____te person *adj.* having good luck or lucky
53. sim_____sly affected *adv.* at the same time
54. supply ch__n *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
55. ad_____nt houses *adj.* next to, close to, or adjoining something
56. scientific ce_____ty *n.* the state of being certain
57. de_____e in quality *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
58. Bengal pr_____ce *n.* the territory occupied by one of the constituent administrative districts of a nation
59. the int_____on between man and his environment *n.* the act of connecting with someone, mainly when working, playing, or spending time with them

ANSWERS: 48. unequal, 49. amphibian, 50. bullfrog, 51. cellular, 52. fortunate, 53. simultaneously, 54. chain, 55. adjacent, 56. certainty, 57. decline, 58. province, 59. interaction

60. upset st____h *n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
61. con_____ve information *adj.* serving to settle an issue or put an end to doubt or uncertainty; irrefutable and leaves no room for doubt
62. mo_____r the data carefully *v.* to observe, check, and track the progress or quality of something over a period of time
63. double-st____d DNA *n.* a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore
64. aquatic le__h habitat *n.* a type of worm that feeds on the blood of humans or animals; a person who takes advantage of others for personal gain without giving anything in return
65. ex_____t by human activity *adj.* no longer in existence
66. computer science pr____r *n.* a book or manual giving basic information about a subject often used as an introduction or means of instruction; a type of paint or other material that is applied to a surface before the final coat of paint or finish is applied
67. a nu_____nt for hair *n.* any substance that is essential for the maintenance and growth of living things
68. di_____e backgrounds *adj.* including numerous categories of individuals or entities; various

ANSWERS: 60. stomach, 61. conclusive, 62. monitor, 63. strand, 64. leech, 65. extinct, 66. primer, 67. nutrient, 68. diverse

69. a cr____l issue for women *adj.* extremely vital or necessary
70. tr___y problem *adj.* requiring care and skill because challenging to do or deal with
71. ba_____e reader *n.* a series of parallel lines of varying width and spacing printed on a product or package, which can be read by a barcode scanner to quickly and accurately identify the product and its price
72. re__r to a map *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
73. s__t sand *v.* to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles
74. pr_____ve a country's heritage *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
75. tr__e back to medieval times *v.* to find or discover someone or something that was lost
76. wo___y lambs *adj.* covered with thick, soft, and often curly hair or fibers; lacking clarity or precision
77. trigger a re_____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

ANSWERS: 69. crucial, 70. tricky, 71. barcode, 72. refer, 73. sift, 74. preserve, 75. trace, 76. woolly, 77. reaction

78. glass v__ls *n.* a small glass container, especially one containing liquid medicine or perfume
79. b__d the man's hands *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
80. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
81. sh_____ng balance *adj.* constantly changing or moving
82. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
83. a ma_____h ship *adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene
84. employee da_____se *n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
85. human fe__s *n.* waste matter eliminated from the bowels; excrement
86. rei_____ce capital punishment *v.* to bring back something that has been previously abolished or discontinued
87. nu_____nt medicine *n.* any substance that is essential for the maintenance and growth of living things

ANSWERS: 78. vial, 79. bind, 80. lab, 81. shifting, 82. process, 83. mammoth, 84. database, 85. feces, 86. reintroduce, 87. nutrient

88. rai_____st destruction *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
89. de_____st a mountain *v.* to clear an area of forest or trees
90. a st____d of fine hair *n.* a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore
91. parched s__l *n.* the top layer of Earth in which plants grow
92. the c__e of an apple *n.* the most essential or fundamental part of something
93. pa__e strings of the form *v.* to separate a sentence into grammatical parts, such as subject, verb, etc., and describe their syntactic roles
94. giant bu_____og *n.* a large, aquatic frog found commonly in North America, with a deep, loud croak and rough, warty skin
95. legal co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
96. wo____y hair *adj.* covered with thick, soft, and often curly hair or fibers; lacking clarity or precision
97. un_____al life *adj.* existing or affecting everywhere or everyone
98. pr_____ve my strength *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

ANSWERS: 88. rainforest, 89. deforest, 90. strand, 91. soil, 92. core, 93. parse, 94. bullfrog, 95. context, 96. woolly, 97. universal, 98. preserve

99. co__n examination *n.* the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system
100. con_____te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people
101. a person of di_____e talents *adj.* including numerous categories of individuals or entities; various
102. pol_____se chain reaction *n.* an enzyme that catalyzes the formation of DNA or RNA molecules from nucleotides
103. t__p an animal *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
104. s__d an old skin *v.* to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage
105. home pr_____ce *n.* the territory occupied by one of the constituent administrative districts of a nation
106. an el_____e criminal *adj.* difficult to find, define, achieve, or remember
107. m__h attracted to the light *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light

ANSWERS: 99. colon, 100. contribute, 101. diverse, 102. polymerase, 103. trap, 104. shed, 105. province, 106. elusive, 107. moth

108. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
109. na____e to Africa *adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
110. cat_____ze the cause of failure *v.* to put people or things into groups according to their features, types, etc.
111. spe_____ze in market research *v.* to become an expert in a specific career field, study, or business
112. pe_____t in success *v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable
113. blood-sucking le__h *n.* a type of worm that feeds on the blood of humans or animals; a person who takes advantage of others for personal gain without giving anything in return
114. con_____us consumption *adj.* visible or observable; likely to draw attention
115. ex_____d to radiation *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
116. a tr_____on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

ANSWERS: 108. develop, 109. native, 110. categorize, 111. specialize, 112. persist, 113. leech, 114. conspicuous, 115. exposed, 116. tradition

117. fr_____nt of a text	<i>n.</i>	a small piece or part broken off or detached
118. de_____e a job offer	<i>v.</i>	to become gradually smaller, fewer, worse, etc.; to refuse to accept
119. stress pr_____n	<i>n.</i>	a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
120. l__x habitat	<i>n.</i>	a wild cat with tufted ears, native to Eurasia and North America
121. th___e on pressure	<i>v.</i>	to grow vigorously; to make steady progress
122. pu___y hydrogen gas	<i>v.</i>	to remove harmful substances from something and increase the concentration of it
123. fe__s sample	<i>n.</i>	waste matter eliminated from the bowels; excrement
124. bl__d milk and cream	<i>v.</i>	to mix or combine two or more substances
125. take several inputs sim_____sly	<i>adv.</i>	at the same time
126. cognitive com_____ty	<i>n.</i>	the state or quality of being complicated or intricate and difficult to understand
127. ar___c ice	<i>adj.</i>	of or relating to the region around the North Pole or the Arctic Ocean; very cold
128. en_____ly satisfied with the meal	<i>adv.</i>	completely
129. a con_____ly innovative enterprise	<i>adv.</i>	all the time

ANSWERS: 117. fragment, 118. decline, 119. protein, 120. lynx, 121. thrive, 122. purify, 123. feces, 124. blend, 125. simultaneously, 126. complexity, 127. arctic, 128. entirely, 129. constantly

130. in___t biology *n.* any small creature that has six legs and a body divided into three sections
131. de_____e his public image *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
132. housing per he_____e *n.* a unit of area equal to 10,000 square meters
133. a con_____ly varying mind *adv.* all the time
134. long-ex_____t volcano *adj.* no longer in existence
135. id_____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
136. en___e reaction *n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
137. woolly ma_____h *adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene
138. mo_____r an exam *v.* to observe, check, and track the progress or quality of something over a period of time
139. historical co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
140. set a t__p *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

ANSWERS: 130. insect, 131. degrade, 132. hectare, 133. constantly, 134. extinct, 135. identify, 136. enzyme, 137. mammoth, 138. monitor, 139. context, 140. trap

141. please revise li_____se	<i>adv.</i> in the same way
142. th___e in a society	<i>v.</i> to grow vigorously; to make steady progress
143. reach ce_____ty about the theory	<i>n.</i> the state of being certain
144. com_____ty theory	<i>n.</i> the state or quality of being complicated or intricate and difficult to understand
145. do li_____se	<i>adv.</i> in the same way
146. principles of un_____al design	<i>adj.</i> existing or affecting everywhere or everyone
147. high ar___c	<i>adj.</i> of or relating to the region around the North Pole or the Arctic Ocean; very cold
148. tr__e a telephone call	<i>v.</i> to find or discover someone or something that was lost
149. bl__d all the elements	<i>v.</i> to mix or combine two or more substances
150. pu___y the blood	<i>v.</i> to remove harmful substances from something and increase the concentration of it
151. a te_____ue in martial arts	<i>n.</i> a particular way or art of doing something that needs skill
152. am_____y the effect	<i>v.</i> to enhance something, particularly sound or brightness
153. corn yi__d	<i>n.</i> the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

ANSWERS: 141. likewise, 142. thrive, 143. certainty, 144. complexity, 145. likewise, 146. universal, 147. arctic, 148. trace, 149. blend, 150. purify, 151. technique, 152. amplify, 153. yield

154. di_____ar without a trace *v.* to cease to exist or be visible
155. con_____te a large sum of money
to the fund *v.* to give something, especially money or
goods, to provide or achieve something
together with other people
156. de_____st millions of acres *v.* to clear an area of forest or trees
157. na____e language *adj.* connecting with or describing
someone's birth country or place of
birth, or someone born in a specific
country or place
158. product ba_____e *n.* a series of parallel lines of varying width
and spacing printed on a product or
package, which can be read by a
barcode scanner to quickly and
accurately identify the product and its
price
159. in_____ve breast cancer *adj.* spreading very quickly, and often
aggressively, and difficult to stop
160. sp_____y an option *v.* to explain or state something clearly
and exactly
161. against tr_____on *n.* a belief, custom, or way of doing
something that has been passed down
from generation to generation within a
group or society
162. chemical re_____on *n.* a response that reveals a person's
feelings or attitude; (in chemistry) a
process in which one or more
substances are changed into others
163. de_____e environmental quality *v.* to make something worse, especially in
quality; to show or treat someone in a
way that makes them seem no value
and do not have the respect or
reasonable opinion of others

ANSWERS: 154. disappear, 155. contribute, 156. deforest, 157. native, 158. barcode, 159. invasive, 160. specify, 161. tradition, 162. reaction, 163. degrade

164. un_____l distribution *adj.* different in amount, size, degree, or value; not fair
165. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
166. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
167. pol_____on by insect *n.* the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds
168. track down an el_____e fact *adj.* difficult to find, define, achieve, or remember
169. lack of digestive en_____es *n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
170. tropical rai_____st *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
171. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
172. a pr_____r coat *n.* a book or manual giving basic information about a subject often used as an introduction or means of instruction; a type of paint or other material that is applied to a surface before the final coat of paint or finish is applied

ANSWERS: 164. unequal, 165. discovery, 166. genetic, 167. pollination, 168. elusive, 169. enzyme, 170. rainforest, 171. ecosystem, 172. primer

173. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
174. a be___e larva *n.* an insect having a hard shell-like back covering its wings
175. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
176. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
177. def_____ve answer *adj.* serving to provide a final solution or to end a situation; final and not able to be changed
178. a tr___y recipe to follow *adj.* requiring care and skill because challenging to do or deal with
179. continuously sh_____ng landscape *adj.* constantly changing or moving
180. the hydrogen binds the ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
181. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
182. cat_____ze the image *v.* to put people or things into groups according to their features, types, etc.
183. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
184. re_____e CO2 into the air *v.* to set free or allow to escape from confinement

ANSWERS: 173. environment, 174. beetle, 175. environment, 176. detect, 177. definitive, 178. tricky, 179. shifting, 180. oxygen, 181. lab, 182. categorize, 183. genetic, 184. release

185. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
186. he was en_____ly to blame *adv.* completely
187. no_____al insects *adj.* relating to or occurring in the night; active or awake during the night
188. l__x population *n.* a wild cat with tufted ears, native to Eurasia and North America
189. he_____e land *n.* a unit of area equal to 10,000 square meters
190. a geometric pr__f *n.* a fact or piece of information that shows something is true or exists
191. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
192. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
193. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
194. the co__n at the end of the sentence *n.* the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system

ANSWERS: 185. ecosystem, 186. entirely, 187. nocturnal, 188. lynx, 189. hectare, 190. proof, 191. develop, 192. discovery, 193. sequence, 194. colon

195. loss of bio_____ity *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
196. in_____ve species *adj.* spreading very quickly, and often aggressively, and difficult to stop
197. execution by burning at a st___e *n.* a share or financial investment in something such as a business; a wooden or metal post set up to mark something
198. ob_____e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
199. m___h larva *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
200. spe_____ze in child care *v.* to become an expert in a specific career field, study, or business
201. thawing per_____st *n.* a layer of soil that is permanently below freezing, usually in polar regions
202. an ex_____d rock *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
203. b___d old letters into a bundle *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

ANSWERS: 195. biodiversity, 196. invasive, 197. stake, 198. observe, 199. moth, 200. specialize, 201. permafrost, 202. exposed, 203. bind

204. da_____se administrator *n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
205. st_____h virus *n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
206. per_____st area *n.* a layer of soil that is permanently below freezing, usually in polar regions
207. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
208. c__e business activity *n.* the most essential or fundamental part of something
209. di_____ar after a week *v.* to cease to exist or be visible
210. s__t the candidates *v.* to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles
211. cr_____l information *adj.* extremely vital or necessary
212. effects of cl_____e change *n.* the weather in a particular location averaged over some long period

ANSWERS: 204. database, 205. stomach, 206. permafrost, 207. planet, 208. core, 209. disappear, 210. sift, 211. crucial, 212. climate

Session 3: Fill in the Blanks

1. He is tall and _____ strong.

adv. in the same way

2. You might need to _____ this point.

v. to enhance something, particularly sound or brightness

3. The company's rules _____ the employee's working hours.

v. to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

4. The project's _____ made it difficult for the team to complete it on time.

n. the state or quality of being complicated or intricate and difficult to understand

5. The study provided _____ proof of the effectiveness of the new drug.

adj. serving to provide a final solution or to end a situation; final and not able to be changed

6. The income inequality in the country is becoming increasingly _____.

adj. different in amount, size, degree, or value; not fair

7. _____ organisms are composed of many specialized cells working together.

adj. characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

8. Her research team made an important _____.

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 1. likewise, 2. amplify, 3. bind, 4. complexity, 5. definitive, 6. unequal, 7. Multicellular, 8. discovery

9. The _____ enzyme is essential for DNA replication.
- n.* an enzyme that catalyzes the formation of DNA or RNA molecules from nucleotides
10. The company's stock gives a high _____.
- n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
11. Cold temperatures and long, dark winters characterize the _____ climate.
- adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
12. Please _____ to the instruction manual for further assistance.
- v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
13. _____ is better than argument.
- n.* a fact or piece of information that shows something is true or exists
14. Jockey's superior _____ brought him victory.
- n.* a particular way or art of doing something that needs skill
15. Mercury is the closest _____ to the sun.
- n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
16. The farm spans over 100 _____ of land.
- n.* a unit of area equal to 10,000 square meters
17. I need to apply _____ to the walls before painting them.
- n.* a book or manual giving basic information about a subject often used as an introduction or means of instruction; a type of paint or other material that is applied to a surface before the final coat of paint or finish is applied

ANSWERS: 9. polymerase, 10. yield, 11. arctic, 12. refer, 13. Proof, 14. technique, 15. planet, 16. hectares, 17. primer

18. Consumption of vegetables may aid in the prevention of _____ cancer.
- n.* the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system
19. The animal rights group worked to _____ the dolphins back into the wild.
- v.* to set free or allow to escape from confinement
20. They worked hard to _____ the nature of their native lands.
- v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
21. The committee _____ several apparent inconsistencies.
- v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
22. Each country's officials can access the central _____.
- n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
23. The enemy fell right into the _____.
- n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
24. The mobile application industry is _____ changing.
- adv.* all the time
25. Trends in the fashion industry are so _____ that it is challenging to keep up with them.
- adj.* constantly changing or moving

ANSWERS: 18. colon, 19. release, 20. preserve, 21. investigated, 22. database, 23. trap, 24. constantly, 25. shifting

26. You can _____ the font color by clicking the Color tab.

v. to explain or state something clearly and exactly

27. The biologist _____ the viruses into four groups.

v. to put people or things into groups according to their features, types, etc.

28. I have a _____ ache after overeating junk food.

n. the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach

29. The search engine helps _____ information.

v. to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles

30. It's important to understand the _____ of a situation before making a decision.

n. the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

31. The Siberian _____ is a solitary hunter native to the boreal forests.

n. a wild cat with tufted ears, native to Eurasia and North America

32. These gas nebulas are merely newborn galactic _____.

n. the most essential or fundamental part of something

33. They used fast-acting _____ on the flowers in the flower beds.

n. any substance that is essential for the maintenance and growth of living things

34. I will introduce you to how to _____ the leading causes of the malfunction.

v. to recognize someone or something and say or prove who or what they are

ANSWERS: 26. specify, 27. categorized, 28. stomach, 29. sift, 30. context, 31. lynx, 32. cores, 33. nutrients, 34. identify

35. A network of railways has developed over the _____.
- n.* the territory occupied by one of the constituent administrative districts of a nation
36. The _____ of the company is too high nowadays.
- n.* a share or financial investment in something such as a business; a wooden or metal post set up to mark something
37. Let's _____ the origins of some familiar foreign words.
- v.* to find or discover someone or something that was lost
38. The picture earned near-_____ acclaim from critics.
- adj.* existing or affecting everywhere or everyone
39. _____ moisture is another significant component controlling soil respiration.
- n.* the top layer of Earth in which plants grow
40. At first, we have to _____ out our priorities.
- v.* to separate a sentence into grammatical parts, such as subject, verb, etc., and describe their syntactic roles
41. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
- n.* a workplace for the conduct of scientific research; a laboratory
42. We have discussed the entirety of this _____ problem.
- adj.* requiring care and skill because challenging to do or deal with
43. The _____ on my bike broke, leaving me stranded.
- n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

ANSWERS: 35. province, 36. stake, 37. trace, 38. universal, 39. Soil, 40. parse, 41. lab, 42. tricky, 43. chain

44. The research provided _____ evidence that the new treatment was effective.

adj. serving to settle an issue or put an end to doubt or uncertainty; irrefutable and leaves no room for doubt

45. Her golden hair was _____ in China.

adj. visible or observable; likely to draw attention

46. Tech companies often employ _____ ducts and other materials in their office interiors.

adj. having no protection or shield from something, such as bad weather, attack, or criticism

47. The country was instrumental in promoting the _____ treaty.

n. the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

48. The passenger grabbed for the _____ mask.

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

49. He was pretty _____ to pass the exam.

adj. having good luck or lucky

50. The _____ for applying for a visa can be lengthy and complicated.

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 44. conclusive, 45. conspicuous, 46. exposed, 47. biodiversity, 48. oxygen, 49. fortunate, 50. process

51. Various artificially induced causes are _____ our ecosystem.

v. to utter intentions of injury or punishment against someone

52. The vegetation here is almost wholly _____.

adj. connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place

53. New York is a city with a _____ ethnic population.

adj. including numerous categories of individuals or entities; various

54. Two students answered the teacher's question _____.

adv. at the same time

55. We must _____ a new system to streamline our workflow and increase efficiency.

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

56. Every human is responsible for taking care of the Earth's _____.

n. the natural world such as air, water, and land in which humans, animals, and plants live

57. The minister decided to review its _____ public works projects.

adj. exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene

58. The revitalization of technology companies is _____ to the country's growth.

adj. extremely vital or necessary

ANSWERS: 51. threatening, 52. native, 53. diverse, 54. simultaneously, 55. develop, 56. environment, 57. mammoth, 58. crucial

59. The sheep had a thick, _____ coat to keep it warm in the winter.

adj. covered with thick, soft, and often curly hair or fibers; lacking clarity or precision

60. He _____ a secret tear when he heard the news of his friend's death.

v. to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage

61. In ancient civilizations, the scarab _____ was worshiped as a sacred creature.

n. an insect having a hard shell-like back covering its wings

62. The cashier scanned the _____ on the packaging to ring up the price.

n. a series of parallel lines of varying width and spacing printed on a product or package, which can be read by a barcode scanner to quickly and accurately identify the product and its price

63. The physicist who found the _____ particle won the Nobel Prize.

adj. difficult to find, define, achieve, or remember

64. The body needs a certain amount of _____ to build and repair tissues.

n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

65. Scientists are concerned about the rapid decline in _____ populations around the world.

n. a cold-blooded animal that can live both on land and in water

66. It is important to _____ safety procedures in the workplace to prevent accidents.

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

ANSWERS: 59. woolly, 60. shed, 61. beetle, 62. barcode, 63. elusive, 64. protein, 65. amphibian, 66. observe

67. The _____ of the two groups is good for brainstorming.
n. the act of connecting with someone, mainly when working, playing, or spending time with them
68. These _____ are more prevalent above a certain latitude.
n. any small creature that has six legs and a body divided into three sections
69. The _____ disease can spread quickly and potentially cause a global pandemic.
adj. spreading very quickly, and often aggressively, and difficult to stop
70. Our country has military alliances with _____ countries.
adj. next to, close to, or adjoining something
71. _____ is crucial to soil stability in arctic areas.
n. a layer of soil that is permanently below freezing, usually in polar regions
72. The security camera has _____ four intruders.
v. to find or recognize something, especially something difficult to see, hear, etc.
73. The pharmacy sells _____ for medicinal purposes, but they're not cheap.
n. a type of worm that feeds on the blood of humans or animals; a person who takes advantage of others for personal gain without giving anything in return
74. This medication is sealed in a _____.
n. a small glass container, especially one containing liquid medicine or perfume
75. The destruction of the _____ is a ticking time bomb for the Earth.
n. a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

ANSWERS: 67. interaction, 68. insects, 69. invasive, 70. adjacent, 71. Permafrost, 72. detected, 73. leeches, 74. vial, 75. rainforest

76. Last night, I heard a _____ croaking near the pond.

- n.* a large, aquatic frog found commonly in North America, with a deep, loud croak and rough, warty skin

77. There was a chemical _____ of the lime with the groundwater.

- n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

78. A deficiency in the _____ can lead to a medical condition.

- n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction

79. Later, his claim was found to be _____ false.

- adv.* completely

80. Through investigation, his suspicions hardened into _____.

- n.* the state of being certain

81. Government workers cannot _____ to political campaigns.

- v.* to give something, especially money or goods, to provide or achieve something together with other people

82. Bees are important _____ for many crops and plants.

- n.* an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a female part of a flower, fertilizing it and allowing it to produce seeds

83. Understanding protein folding is a vital step in deciphering the _____ code.

- adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes

ANSWERS: 76. bullfrog, 77. reaction, 78. enzyme, 79. entirely, 80. certainty, 81. contribute, 82. pollinators, 83. genetic

84. The _____ process is crucial for the growth and reproduction of many plants.
- n.* the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds
85. Consult your doctor if the symptoms _____.
- v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable
86. Proper disposal of _____ is essential for maintaining public health and sanitation.
- n.* waste matter eliminated from the bowels; excrement
87. You should not _____ yourself by allowing them to use you.
- v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
88. _____ and weather have an impact on every part of our lifestyles.
- n.* the weather in a particular location averaged over some long period
89. The restaurant has chefs who _____ in beef.
- v.* to become an expert in a specific career field, study, or business
90. The company planned to _____ a large rainforest area to make way for a new plantation.
- v.* to clear an area of forest or trees
91. Many species have become _____ due to habitat destruction and other human activities.
- adj.* no longer in existence

ANSWERS: 84. pollination, 85. persist, 86. feces, 87. degrade, 88. Climate, 89. specialize, 90. deforest, 91. extinct

92. The equipment is frequently used to _____ and distribute drinking water.
v. to remove harmful substances from something and increase the concentration of it
93. The archaeologist carefully pieced together the tiny _____ of pottery found at the dig site.
n. a small piece or part broken off or detached
94. Human conservation efforts often fail unexpectedly because they disturb the balance of the _____.
n. all the plants and living creatures in an area and the way they affect each other and the environment
95. As people age, their digestive capacity also gradually _____.
v. to become gradually smaller, fewer, worse, etc.; to refuse to accept
96. We do move forward with those tasks in _____ next week.
n. a series of related events, actions, numbers, etc., which have a particular order
97. _____ animals, such as owls and bats, are active at night.
adj. relating to or occurring in the night; active or awake during the night
98. They used a special receiver to _____ police radio channels.
v. to observe, check, and track the progress or quality of something over a period of time
99. Without investment, a business cannot _____.
v. to grow vigorously; to make steady progress

ANSWERS: 92. purify, 93. fragments, 94. ecosystem, 95. declines, 96. sequence, 97. Nocturnal, 98. monitor, 99. thrive

100. The _____ is a serious threat to the farm's output.

n. an insect with wings similar to a butterfly that travels at night and is attracted to light

101. This factory employs a _____ manufacturing system.

adj. of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires

102. The government is planning to _____ wolves to the national park to restore the balance of the ecosystem.

v. to bring back something that has been previously abolished or discontinued

103. I heard several melodic _____ simultaneously.

n. a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore

104. They watched the train _____ into the distance.

v. to cease to exist or be visible

105. The toad altered its appearance to better _____ in with its new environments.

v. to mix or combine two or more substances

106. It is a _____ in many families to have a big Thanksgiving dinner with all their relatives.

n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

ANSWERS: 100. moth, 101. cellular, 102. reintroduce, 103. strands, 104. disappear, 105. blend, 106. tradition