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Kelsey Johnson: The problem of light pollution -- and 5 ridiculously easy ways to fix it | TED Talk

https://www.ted.com/talks/kelsey_johnson_the_problem_of_light_pollution_and_5_ridiculously_easy_ways_to_fix_it

All Words

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Session 1: Word List

statistics

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

(1) **statistics** for cancer, (2) official **statistics**

The **statistics** demonstrate that poverty and unemployment are genuine problems.

jewel

n. a precious stone that is cut and polished for use in jewelry

synonym: gem, precious stone, treasure

(1) **jewel** of the crown, (2) gleaming **jewel**

She treasured the small **jewel** that her grandmother had given her.

highway

n. a main road, especially one connecting major towns or cities

synonym: road, expressway, freeway

(1) **highway** system, (2) an interstate **highway**

I'm going to take the **highway** to get to my destination faster.

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.

photogenic

adj. having an attractive appearance or quality when photographed; appearing well in photographs or on film

synonym: photographic, camera-friendly, picturesque

(1) **photogenic** face, (2) **photogenic** nature

The actress was extremely **photogenic**, making her a sought-after model for many beauty brands.

illuminating

adj. making something clear or easy to understand; providing light

synonym: enlightening, informative, clarifying

(1) **illuminating** light, (2) an **illuminating** answer

The lecture was **illuminating** and gave me a new perspective on the topic.

universe

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

synonym: cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**

The **universe** is about 13.8 billion years old.

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**.

catastrophe

n. a sudden event that causes extreme ruin and misfortune

synonym: disaster, calamity, cataclysm

(1) **catastrophe** risk management, (2) avoid climate **catastrophe**

The lack of funds has resulted in a **catastrophe** for our university system.

tumor

n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

synonym : neoplasm, mass, lump

(1) **tumor** growth, (2) **tumor** at remote sites

The patient was diagnosed with a **tumor** in her lung.

astronomer

n. a physicist who studies astronomy

synonym : stargazer, cosmologist, astrophysicist

(1) amateur **astronomer**, (2) solar **astronomer**

This question has fascinated solar **astronomers** for decades.

cliche

n. a phrase or expression that has become overused to the point that it has lost its original impact or meaning; a trite or unoriginal idea or statement

synonym : truism, platitude, stereotype

(1) **cliche** plot, (2) age-old **cliche**

Using the same **cliche** phrase in every conversation can take time and effort.

grab

v. to take hold of something or someone suddenly with a hand, especially in a violent way

synonym : clutch, snatch, grasp

(1) **grab** an audience, (2) **grab** an opportunity

Shall we **grab** a bite to eat?

brave

adj. showing courage or fearlessness in the face of danger, difficulty, or adversity

synonym : courageous, valiant, heroic

(1) **brave** soldier, (2) **brave** decision

The **brave** firefighter rescued the family from the burning building.

swarm

n. a group of many things, such as insects, fishes, etc., in the air or water or on the ground

synonym : horde, hive, throng

(1) a **swarm** of mosquitoes, (2) locust **swarm**

A **swarm** of angry bees attacked because we had approached the hive.

mosquito

n. a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

synonym : insect, bug, flea

(1) **mosquito** bite, (2) **mosquito** repellent

A stagnant water area are breeding ground for **mosquitos**.

intense

adj. (especially of a feeling) very strong; extremely sharp or severe

synonym : extreme, fierce, harsh

(1) **intense** heat, (2) develop **intense** itching

That statement by the prime minister drew **intense** international criticism.

fade

v. to vanish; to fade away; to lose color; to lose freshness

synonym : languish, wither

(1) **fade** away almost completely, (2) **fade** in importance

My memory will **fade**, but my heart will live on.

fleeting

adj. brief or temporary, lasting only a short time

synonym : temporary, brief, transitory

(1) for a **fleeting** moment, (2) **fleeting** opportunity

She savored the **fleeting** happiness she felt during the vacation.

vertigo

n. a feeling of dizziness or disorientation often caused by a disturbance in the inner ear; a sensation or feeling of being unsteady or losing one's balance

synonym : dizziness, lightheadedness, unsteadiness

(1) **vertigo** symptoms, (2) suffer from **vertigo**

The sudden drop on the rollercoaster gave me a wave of **vertigo**.

ridiculous

adj. very silly or unreasonable and deserving to be laughed at

synonym : absurd, fatuous, foolish

(1) a **ridiculous** amount of money, (2) a **ridiculous** suggestion

Everyone regarded the theory he advocated as **ridiculous** but was later proven correct.

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**.

fathomable

adj. able to be understood or comprehended; able to be measured or explored to a certain depth

synonym : understandable, comprehensible, intelligible

(1) **fathomable** explanation, (2) **fathomable** solution

The scientific theories presented in the book were **fathomable** even to non-experts.

insignificant

adj. of little importance, influence, or power

synonym : unimportant, trivial, irrelevant

(1) **insignificant** amount, (2) an **insignificant** mistake

He made me feel small and **insignificant**.

weird

adj. extraordinary, unexpected, or difficult to explain

synonym : bizarre, creepy, peculiar

(1) a **weird** dress, (2) the state of being **weird**

My computer has been acting **weird** recently.

constellation

n. a group of stars that form a recognizable pattern and have a name; a group of related or similar ideas, things, or people

synonym : asterism, array, pattern

(1) the stars of the Scorpion **constellation**, (2) northern **constellation**

Navigators still use the Little Bear **constellation** at sea.

coincident

adj. happening or operating in the same place or at the same time

synonym: concurrent, accompanying, coextensive

(1) **coincident** indicators, (2) a series of **coincident** events
Coincident with the negotiation, the bank was permitted to open a Beijing branch.

urban

adj. relating to or located in a town or city

synonym: metropolitan, civic

(1) **urban** planning, (2) **urban** property owners

Only a small number of **urban** utilities offer sanitation services.

suburb

n. an outlying district or residential area of a city or town, typically comprising middle-class and affluent neighborhoods

synonym: outskirts, district, quarter

(1) **suburb** development, (2) **suburb** life

He grew up in the **suburbs** but always dreamed of living in the city.

awe-struck

adj. filled with a sense of wonder, respect, and admiration for something impressive or overwhelming

synonym: amazed, astonished, mesmerized

(1) **awe-struck** silence, (2) **awe-struck** expression

I was **awe-struck** by the beauty of the Grand Canyon.

majesty

n. regal or royal dignity; grandeur or greatness

synonym: grandeur, royalty, eminence

(1) morning **majesty**, (2) **majesty** of nature

The king's **majesty** was apparent in his elegant attire and powerful presence.

unremarkable

adj. ordinary and not particularly interesting

synonym: commonplace, unmemorable, mundane

(1) completely ordinary and **unremarkable**,

(2) **unremarkable** in looks

He was very busy at work but otherwise led an **unremarkable** life.

blank

adj. without any writing or printing; empty or devoid of ideas, information, or meaning; unable to remember or recall information

synonym: empty, void, barren

(1) **blank** expression, (2) **blank** paper

The computer screen displayed nothing but a **blank** white screen

atmosphere

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

synonym: air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**

The spaceship began to burn up as it approached the Earth's **atmosphere**.

bounce

v. to cause to move up or away after hitting a surface; to spring back

synonym: bound, leap, spring

(1) **bounce** across the floor, (2) **bounce** back from failure

They will **bounce** between various emotional states.

featureless

adj. lacking distinctive qualities, characteristics, or features; plain, unremarkable, or nondescript

synonym: blank, plain, feature-free

(1) **featureless** landscape, (2) **featureless** interior

The wall was **featureless**, with no patterns or designs to break up its dullness.

smog

n. a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas

synonym: smog, haze, pollution

(1) **smog** alert, (2) toxic **smog**

The heavy **smog** in the city was causing health issues for the residents.

pollution

n. the introduction of harmful substances or waste into the natural environment that causes adverse change

synonym: corrosion, deterioration, corruption

(1) environmental **pollution**, (2) high levels of air **pollution**

The **pollution** is endangering the local plants and animals.

unlock

v. to open something, such as a door, window, etc., usually using a key

synonym: open, solve, unravel

(1) **unlock** a door with a key, (2) **unlock** value

The customs officer required the traveler to **unlock** his suitcase.

cosmos

n. another name for the universe, mainly used when it is thought of as an ordered system

synonym: universe, macrocosm

(1) exploration of **cosmos**, (2) origin of the **cosmos**

Supercomputers enable scientists to create computational models of the **cosmos**.

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.

light-year

n. a unit of distance used in astronomy to represent the distance that light travels in a year, which is equal to

about 9.46 trillion kilometers or 5.88 trillion miles

(1) **light-year** distance, (2) billions of **light-years**

Proxima Centauri is the closest star to Earth, located about 4.24 **light-years** away.

faint

adj. not strong, clear, or vigorous; slight or weak

synonym: slight, vague, soft

(1) **faint** memory, (2) **faint** aroma of roses

She heard a **faint**, nearly invisible scream.

whimsical

adj. unusual and not severe in a way that might be funny or annoying; determined by chance or impulse or whim rather than by necessity or reason

synonym: capricious, impulsive, flighty

(1) **whimsical** reasons, (2) a **whimsical** person

Much of his painting has a **whimsical** quality.

gaze

v. to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

synonym: stare, gawk, look

(1) **gaze** steadily at his face, (2) **gaze** absently out a window

The youngster was **gazed** at by the beast.

countless

adj. too numerous to be counted or very many

synonym: innumerable, myriad, numerous

(1) **countless** hours, (2) answer **countless** questions

There are **countless** methods for dealing with stress.

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.

unassuming

adj. not arrogant, bold, or forward

synonym : diffident, humble, modest

(1) **unassuming** appearance, (2) an **unassuming** fashion
His **unassuming** manner concealed his ambition.

whelk

n. a type of marine snail with a spiral shell and a large foot used for movement and capturing prey, often used for food or as bait for fishing

(1) **whelk** meat, (2) **whelk** fishery

The **whelk** shells on the beach were a sign of the thriving ecosystem in the area.

prey

n. the object of a hunt; an animal hunted or trapped for eating

synonym : target, quarry, chase

(1) **prey** of beast, (2) become **prey** to terrorists

The majority of snakes swallow their **prey** whole.

brisk

adj. lively and energetic

synonym : energetic, lively, fast-moving

(1) **brisk** argument, (2) **brisk** autumn weather

She walked with a **brisk** pace, eager to reach her destination.

pace

n. the speed at which someone or something moves, or the rate at which something happens or changes

synonym : gait, rate, speed

(1) at your own **pace**, (2) the runner's **pace**

The economy is growing at a supercharged **pace**.

barnacle

n. a type of crustacean that attaches itself to hard surfaces underwater, such as rocks, ships, or docks; a metaphorical term used to describe a person or object that is difficult to remove or separate from another person or object

synonym : cirripede, shellfish, crustacean

(1) **barnacle** growth, (2) **barnacle** removal

The bottom of the boat was covered in **barnacles**, slowing its

speed in the water.

tide

n. the cyclical rise and fall of sea level caused by the moon's gravitational pull

synonym: ripple, surge, swell

(1) **tide** cycle, (2) ride the **tide** of change

Red **tide** is often harmful to the local ecosystem.

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**.

dominant

adj. more important, influential, or easy to notice than anything else of the same type

synonym: chief, predominant, prevailing

(1) achieve a **dominant** share, (2) **dominant** force

Her company soon won a **dominant** market share.

invertebrate

n. a class of animals that do not have a backbone; they include insects, worms, and mollusks

synonym: animal, mollusk, worm

(1) **invertebrate** species, (2) study of **invertebrates**

Many species of marine **invertebrates**, such as corals and sponges, are important components of ocean ecosystems.

predator

n. an animal whose natural behavior is to prey on others

synonym: vulture, bloodsucker

(1) apex **predator**, (2) sexual **predators**

The native South American animals were in danger because of the **predator's** arrival.

crab

n. a sea creature with two large claws and a flattened back (e.g., blue crab or king crab); a sour or grumpy person who is prone to complaining or criticizing

synonym: crustacean, shellfish, crusty

(1) **crab** cakes, (2) **crab** legs

I ordered a plate of fresh **crab** at the seafood restaurant.

tasty

adj. having a strong and pleasant flavor when it is eaten

synonym: flavorful, delectable, delicious

(1) **tasty** treats, (2) prepare **tasty** food

This meal wasn't as **tasty** as we had imagined.

snail

n. a slow-moving mollusk with a spiral shell that it uses to protect its body

synonym: escargot, slug, whelk

(1) **snail** mail, (2) **snail** pace

The gardener found a **snail** slowly making its way through the lettuce patch.

precarious

adj. not securely held or in position; dangerously unstable or uncertain; dependent on chance or uncertain conditions

synonym: precariousness, instability, uncertainty

(1) **precarious** job, (2) **precarious** financial situation

She had a **precarious** hold on the ladder and was afraid to move.

threat

n. a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

synonym: menace, danger, hazard

(1) economic **threat**, (2) environmental **threat**

The **threat** of severe weather prompted the city to issue an evacuation warning.

feast

n. a large meal, typically one served on a special occasion

synonym: banquet, celebration, dinner

(1) a **feast** for the eyes, (2) a nightly **feast**

The royal **feast** celebrated the harvest, and the community enjoyed it.

speedy

adj. characterized by fast or quick movements, actions, or processes; rapid; swift

synonym : quick, rapid, swift

(1) **speedy** recovery, (2) **speedy** response

The **speedy** delivery of my package was surprising.

wipe

v. to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid

synonym : clean, brush, swab

(1) **Wipe** off dirt, (2) **wipe** with water

Please **wipe** your sweat with this towel.

replenish

v. to fill something that had previously been emptied

synonym : refill, reload, restock

(1) **replenish** a reserve fund, (2) **replenish** my spirit

Please **replenish** my glass with some more wine.

slimy

adj. covered with or having a slippery, viscous coating; repulsively slippery or oozy; containing or resembling slime

synonym : slippery, mucky, mucous

(1) **slimy** substance, (2) **slimy** green algae

The **slimy** texture of the seafood dish made me feel queasy.

unleash

v. to suddenly release a strong force, emotion, etc. that cannot be controlled

synonym : discharge, free, release

(1) **unleash** a hound, (2) **unleash** her anger

The general was still reluctant to **unleash** his troops in pursuit of an enemy.

cascade

n. a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units

synonym : waterfall, watercourse, step

(1) **cascade** connection, (2) transistor **cascade**

The **cascade** of waterfalls in the national park was a

breathtaking sight.

virtually

adv. almost completely

synonym : almost, basically, nearly

(1) **virtually** all countries, (2) **virtually** identical

Virtually all the parties signed the contract.

obesity

n. the condition of being significantly overweight, typically defined as having a body mass index (BMI) of 30 or greater.

synonym : overweight, corpulence, fattiness

(1) **obesity-related** diseases, (2) suffer from **obesity**

The prevalence of **obesity** has increased significantly in recent years.

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.

excess

n. an amount or quantity beyond what is acceptable, expected, or reasonable

synonym : exuberance, glut, surplus

(1) lose **excess** weight, (2) an **excess** of exports

The road of **excess** leads to the palace of wisdom.

junk

n. discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition

synonym : trash, debris, waste

(1) **junk** mail, (2) hunk of **junk**

I need to clear out some of the **junk** in my garage.

breast

n. either of the two round soft parts of a woman's chest which secrete milk after childbirth

synonym : bosom, chest, bust

(1) **breast** cancer, (2) the mountain's **breast**

He grilled the **breast** meat of a chicken.

cancer

n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

synonym : tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

correlate

v. to have a connection or relationship in which one thing affects or depends on another

synonym : associate, liken, connect

(1) **correlate** closely with the quality, (2) **correlate** to the size

We may frequently **correlate** age with the frequency of disease.

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**.

experiment

n. the scientific test conducted to observe what happens and gain new knowledge

synonym : experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

norm

n. something that is regarded as usual, typical, or standard

synonym : criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

hormone

n. a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood

(1) **hormone** secretion, (2) female **hormone**

The doctor diagnosed me with a **hormone** disorder.

melatonin

n. a hormone that is produced by the pineal gland in the brain and that helps to regulate sleep-wake cycles

synonym: pineal hormone, sleep hormone, chronobiotic

(1) disrupt **melatonin** production, (2) **melatonin** receptor

A **melatonin** supplement can help regulate sleep-wake cycles in people with insomnia.

evolve

v. to develop gradually, or to cause the development of something or someone gradually

synonym: develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

cycle

n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

synonym: revolution, rotation, bike

(1) the **cycle** of the seasons, (2) go to the workplace by **cycle**

The food chain causes a material **cycle**.

circadian

adj. relating to a physiological cycle that lasts approximately 24 hours, impacting physical and behavioral changes that occur over the course of a day, such as sleep-wake cycles or fluctuations in hormones

synonym: daily, diurnal, day-to-day

(1) **circadian** clock, (2) **circadian** disruption

Having a consistent sleep schedule is important for maintaining a healthy **circadian** rhythm.

rhythm

n. a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing

synonym : beat, cadence, tempo

(1) in samba **rhythm**, (2) irregular heart **rhythm**

He beat out a jazz **rhythm** on the cajones.

retina

n. the innermost light-sensitive membrane covering the back wall of the eyeball

(1) **retinal** cells, (2) **retina** scanner

Damage to the **retina** may play a role in the development of glaucoma.

disrupt

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym : interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

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.

chemical

adj. relating to or connected with chemistry;

synonym : chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

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.

estrogen

n. a category of female steroid sex hormone responsible for the development and regulation of the female reproductive system and secondary sex characteristics

(1) **estrogen** receptor, (2) **estrogen-responsive** breast cancer

The older woman also suffers bone loss caused by **estrogen** deficiency.

balance

n. a condition in which everything has the same weight or force; something left after other parts have been taken away

synonym: equilibrium, counterpoise, remainder

(1) the **balance** of power, (2) asset on the company's **balance** sheet

Try to keep a **balance** between work and off.

whack

v. to hit someone or something hard or noisily

synonym: hit, strike, bash

(1) **whack** him with a stick, (2) **whack** up the volume
He **whacked** the ball out of the park with his home run.

probable

adj. likely to happen or likely to be true

synonym: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

carcinogenic

adj. capable of causing cancer or promoting tumor growth; cancer-causing

synonym: cancer-causing, cancerous, malignant

(1) **carcinogenic** chemicals, (2) **carcinogenic** air pollution
Long-term exposure to **carcinogenic** materials can result in

serious health problems.

headache

n. pain in the head; someone or something that causes anxiety or trouble

synonym: concern, difficulty, problem

(1) **headache** accompanied by fever, (2) bit of a **headache**
This pill will relieve your **headaches** immediately.

anxiety

n. a feeling of worry, nervousness, or unease about something that is happening or might happen in the future

synonym: concern, dread, agita

(1) diagnosis of **anxiety** disorder, (2) **anxiety** for knowledge
She waited for her daughter with **anxiety**.

depression

n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market

synonym: recession, slump, despair

(1) the Great **Depression**, (2) the root problem of her **depression**

Depression symptoms might include a decrease in appetite and weight loss.

diabetes

n. a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood

(1) juvenile **diabetes**, (2) **diabetes** patient

My father was tested for **diabetes**.

cardiovascular

adj. of or relating to the heart and blood vessels (= tubes that carry blood around the body)

(1) **cardiovascular** diseases, (2) **cardiovascular** tissue

Smoking places you at severe risk of **cardiovascular** and respiratory disease.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal

functioning of organs or systems

synonym: illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

amazing

adj. extremely surprising, especially in a way that you like or admire

synonym: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

utility

n. the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public

synonym: usefulness, practicality, utility

(1) **utility** costs, (2) marginal **utility**

The **utility** of the device was immediately apparent to all who saw it.

grade

n. a particular level of quality, size, importance, etc.

synonym: score, rate, degree

(1) boys in the twelfth **grade**, (2) students at all **grade** levels

Departments may set requirements for a higher **grade** point average.

windmill

n. a machine that uses wind power to generate mechanical energy or electricity

synonym: wind turbine, aerogenerator

(1) **windmill** blades, (2) **windmill** energy

The countryside was dotted with picturesque **windmills**.

afford

v. to have enough money or time to be able to buy or do something

(1) **afford** to buy a new car, (2) **afford** a high travel cost

He cannot **afford** a holiday.

creditor

n. a person, company, etc. to whom a debtor owes money
(1) the **creditor's** claims, (2) bankrupt **creditor**
I asked the lawyer to initiate **creditor** negotiations for voluntary liquidation.

scare

v. to frighten a person or animal, or to become frightened
synonym: frighten, spook, intimidate
(1) **scare** off her attacker by screaming, (2) **scare** the birds away
We hit the ground to **scare** out the rabbits.

roughly

adv. approximately but not precisely; with a violent manner
synonym: approximately, more or less, around
(1) **roughly** explain my idea, (2) **roughly** speaking
Five miles is **roughly** similar to eight kilometers.

perpetual

adj. continuing for an extended period in the same way without stopping or being interrupted
synonym: enduring, unchanging, incessant
(1) **perpetual** motion machine, (2) **perpetual** struggle
The company employs a **perpetual** inventory system.

twilight

n. the soft, diffused light from the sky when the sun is below the horizon, either from sunrise to sunrise or sunset to sunset
synonym: dusk, sunset, gloaming
(1) **twilight** sky, (2) **twilight** of an era
The sky was a beautiful pink and orange color at **twilight**.

spectrum

n. an ordered array of colors into which a light beam can be split
synonym: range, scale, spread
(1) a broad **spectrum** of opinion, (2) infrared **spectrum**
This device displayed the speech **spectrum** spectrographically.

invisible

adj. impossible or nearly impossible to see

synonym: hidden, imperceptible, unseen

(1) an **invisible** asset, (2) **invisible** stars

The phenomenon is **invisible** at optical wavelengths.

modern

adj. of or belonging to the present time or recent times

synonym: contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society

Their headquarters are in a **modern** skyscraper.

radar

n. a technology that employs radio waves to locate items that cannot be seen

synonym: sonar, radiolocation

(1) **radar** air traffic control, (2) **radar** scanning

Radar systems cannot spot the submarine.

apparently

adv. based on what you have heard or read

synonym: evidently, obviously, supposedly

(1) **apparently** simple, (2) **apparently** unrelated

The police **apparently** believed this explanation was plausible.

swamp

n. an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation

synonym: marsh, mire, bog

(1) muddy **swamp**, (2) **swamp** tour

The lowland **swamp** was full of dangerous animals and poisonous plants.

exceedingly

adv. to an extreme degree

synonym: enormously, especially, exceptionally

(1) **exceedingly** common, (2) an **exceedingly** difficult book

Fear is **exceedingly** infectious, and children catch it from their elders.

satellite

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

synonym : orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**

Launching an artificial **satellite** contributed to the technological development of our country.

visible

adj. capable of being seen; or open to easy view

synonym : clear, observable, seeable

(1) **visible** stars, (2) **visible** by X-ray

My home is easily **visible** from the shore.

wavelength

n. the distance between two points in the same phase in consecutive cycles of a wave

(1) **wavelength** of light, (2) long- **wavelength** laser

White color is made up of many different **wavelengths** of light.

deploy

v. to move troops or weapons into a position or military action; to bring into something in an effective way

synonym : set up, expand, launch

(1) **deploy** troops for battle, (2) **deploy** safety measures

This country **deployed** its weapons in the east region.

orbit

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.

synonym : path, course, trajectory

(1) the **orbit** of the moon, (2) a planetary **orbit**

The rocket engine is used to put the satellite into **orbit**.

outnumber

v. to be more numerous or greater in number than another group or entity; to exceed in quantity or number

synonym : surpass, exceed

(1) **outnumber** our opponents, (2) **outnumber** males

The number of tourists in the city now **outnumbers** the

locals.

beam

n. a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

synonym : ray, ray of light, shaft of light

(1) **beam** of light, (2) a structural **beam** of a building

The sun's **beam** shone through the window and illuminated the room.

inherent

adj. existing in something as a permanent, essential, or characteristic attribute

synonym : intrinsic, natural, innate

(1) **inherent** risk, (2) have an **inherent** dislike

Honesty is an **inherent** quality that everyone should strive to possess.

overwhelming

adj. very great or intense; so powerful that you cannot fight or react against it

synonym : overpowering, astounding, amazing

(1) **overwhelming** majority, (2) an **overwhelming** victory

He has shown signs of uneasiness and **overwhelming** worry.

intractable

adj. difficult to manage or control; stubborn or obstinate

synonym : obstinate, stubborn, unyielding

(1) **intractable** pain, (2) **intractable** situation

The **intractable** problem defied a solution.

shield

n. a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves

synonym : guard, protection, safeguard

(1) a heat **shield**, (2) a **shield** for protecting against a bullet

Lead is an effective **shield** against X-rays, gamma rays, and other harmful radiation.

daylight

n. the natural light produced by the sun during the day, especially in contrast to artificial light or darkness

synonym: sunlight, daytime, day

(1) **daylight** hours, (2) natural **daylight**

The view of the city skyline from the top of the building looked amazing in the **daylight**.

advocate

n. a person who supports or suggests an idea, development, or way of doing something

synonym: proponent, exponent, promoter

(1) an **advocate** of disarmament, (2) public education

advocates

Advocates of abolishing the death penalty often argue that the alternative heaviest sentence should be life in prison.

communal

adj. belonging to or used by a group rather than individuals; for common use

synonym: collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

Communal elections were held in several European countries.

dare

v. to have the courage to do something

synonym: challenge, risk, attempt

(1) **dare** not go, (2) **dare** to take risks

I wouldn't **dare** to speak to him like that.

politely

adv. in a courteous or respectful manner, showing good manners or consideration for others

synonym: courteously, respectfully, graciously

(1) **politely** ask, (2) nodded **politely**

She **politely** declined the invitation to the party, saying she had other plans.

auction

n. a public sale in which goods or property are sold to the highest bidder; a process of selling goods or property through competitive bidding

synonym: sale, vendue, bidding

(1) **auction** house, (2) online **auction**

The antique furniture was sold at **auction** for a high price.

pollute

v. to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

synonym: contaminate, corrupt, degrade

(1) **pollute** the air, (2) **pollute** the thread

We should do our best not to **pollute** the environment.

Session 2: Spelling

1. the state of being we__d *adj.* extraordinary, unexpected, or difficult to explain
2. 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
3. d__e to take risks *v.* to have the courage to do something
4. di_____es patient *n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
5. da_____ht hours *n.* the natural light produced by the sun during the day, especially in contrast to artificial light or darkness
6. una_____ng appearance *adj.* not arrogant, bold, or forward
7. for a fl_____ng moment *adj.* brief or temporary, lasting only a short time
8. re___a scanner *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
9. g__e absently out a window *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
10. muddy sw__p *n.* an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation

ANSWERS: 1. weird, 2. pollinator, 3. dare, 4. diabetes, 5. daylight, 6. unassuming, 7. fleeting, 8. retina, 9. gaze, 10. swamp

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|----------------------------------|------|--|
| 11. af___d to buy a new car | v. | to have enough money or time to be able to buy or do something |
| 12. pho_____ic nature | adj. | having an attractive appearance or quality when photographed; appearing well in photographs or on film |
| 13. br__k argument | adj. | lively and energetic |
| 14. car_____nic air pollution | adj. | capable of causing cancer or promoting tumor growth; cancer-causing |
| 15. f__e away almost completely | v. | to vanish; to fade away; to lose color; to lose freshness |
| 16. an ill_____ing answer | adj. | making something clear or easy to understand; providing light |
| 17. sp___y response | adj. | characterized by fast or quick movements, actions, or processes; rapid; swift |
| 18. disrupt me_____in production | n. | a hormone that is produced by the pineal gland in the brain and that helps to regulate sleep-wake cycles |
| 19. f__e in importance | v. | to vanish; to fade away; to lose color; to lose freshness |
| 20. un___k value | v. | to open something, such as a door, window, etc., usually using a key |
| 21. awe_____ck expression | adj. | filled with a sense of wonder, respect, and admiration for something impressive or overwhelming |
| 22. wi_____ll blades | n. | a machine that uses wind power to generate mechanical energy or electricity |

ANSWERS: 11. afford, 12. photogenic, 13. brisk, 14. carcinogenic, 15. fade, 16. illuminating, 17. speedy, 18. melatonin, 19. fade, 20. unlock, 21. awe-struck, 22. windmill

23. have an in_____nt dislike *adj.* existing in something as a permanent, essential, or characteristic attribute
24. toxic s__g *n.* a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas
25. c__b cakes *n.* a sea creature with two large claws and a flattened back (e.g., blue crab or king crab); a sour or grumpy person who is prone to complaining or criticizing
26. infrared sp_____um *n.* an ordered array of colors into which a light beam can be split
27. long-wav_____th laser *n.* the distance between two points in the same phase in consecutive cycles of a wave
28. fl_____ng opportunity *adj.* brief or temporary, lasting only a short time
29. he_____he accompanied by fever *n.* pain in the head; someone or something that causes anxiety or trouble
30. fa__t memory *adj.* not strong, clear, or vigorous; slight or weak
31. a meteorological sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
32. tu__r at remote sites *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

ANSWERS: 23. inherent, 24. smog, 25. crab, 26. spectrum, 27. wavelength, 28. fleeting, 29. headache, 30. faint, 31. satellite, 32. tumor

33. ve____o symptoms *n.* a feeling of dizziness or disorientation often caused by a disturbance in the inner ear; a sensation or feeling of being unsteady or losing one's balance
34. female ho____e *n.* a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood
35. sn__l mail *n.* a slow-moving mollusk with a spiral shell that it uses to protect its body
36. carbon dioxide in the atm____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
37. ch__n reaction *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
38. c__b legs *n.* a sea creature with two large claws and a flattened back (e.g., blue crab or king crab); a sour or grumpy person who is prone to complaining or criticizing
39. de____y troops for battle *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
40. a sh____d for protecting against a bullet *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
41. s__g alert *n.* a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas

ANSWERS: 33. vertigo, 34. hormone, 35. snail, 36. atmosphere, 37. chain, 38. crab, 39. deploy, 40. shield, 41. smog

42. un_____h a hound *v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
43. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
44. at your own p___e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
45. de___y safety measures *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
46. W___e off dirt *v.* to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid
47. an ex___s of exports *n.* an amount or quantity beyond what is acceptable, expected, or reasonable
48. car_____lar diseases *adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)
49. co_____te to the size *v.* to have a connection or relationship in which one thing affects or depends on another
50. completely ordinary and unr_____ble *adj.* ordinary and not particularly interesting
51. amateur ast_____er *n.* a physicist who studies astronomy
52. w___e with water *v.* to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid
53. a we___d dress *adj.* extraordinary, unexpected, or difficult to explain

ANSWERS: 42. unleash, 43. experiment, 44. pace, 45. deploy, 46. wipe, 47. excess, 48. cardiovascular, 49. correlate, 50. unremarkable, 51. astronomer, 52. wipe, 53. weird

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|-----------------------------|---|
| 54. ev___e | <i>v.</i> to develop gradually, or to cause the development of something or someone gradually |
| 55. medical l_b | <i>n.</i> a workplace for the conduct of scientific research; a laboratory |
| 56. g__b an audience | <i>v.</i> to take hold of something or someone suddenly with a hand, especially in a violent way |
| 57. tw_____ht sky | <i>n.</i> the soft, diffused light from the sky when the sun is below the horizon, either from sunrise to sunrise or sunset to sunset |
| 58. a convivial atm_____re | <i>n.</i> the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work |
| 59. l_b instrument | <i>n.</i> a workplace for the conduct of scientific research; a laboratory |
| 60. the mountain's br____t | <i>n.</i> either of the two round soft parts of a woman's chest which secrete milk after childbirth |
| 61. fat_____le explanation | <i>adj.</i> able to be understood or comprehended; able to be measured or explored to a certain depth |
| 62. official sta_____cs | <i>n.</i> the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data |
| 63. app_____ly unrelated | <i>adv.</i> based on what you have heard or read |
| 64. bo___e across the floor | <i>v.</i> to cause to move up or away after hitting a surface; to spring back |

ANSWERS: 54. evolve, 55. lab, 56. grab, 57. twilight, 58. atmosphere, 59. lab, 60. breast, 61. fathomable, 62. statistics, 63. apparently, 64. bounce

65. br__e soldier *adj.* showing courage or fearlessness in the face of danger, difficulty, or adversity
66. irregular heart rh___m *n.* a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing
67. sw__p tour *n.* an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation
68. pr_____le outcome *adj.* likely to happen or likely to be true
69. bo___e back from failure *v.* to cause to move up or away after hitting a surface; to spring back
70. t__e cycle *n.* the cyclical rise and fall of sea level caused by the moon's gravitational pull
71. wh_____al reasons *adj.* unusual and not severe in a way that might be funny or annoying; determined by chance or impulse or whim rather than by necessity or reason
72. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
73. br__k autumn weather *adj.* lively and energetic
74. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
75. ra__r air traffic control *n.* a technology that employs radio waves to locate items that cannot be seen
76. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment

ANSWERS: 65. brave, 66. rhythm, 67. swamp, 68. probable, 69. bounce, 70. tide, 71. whimsical, 72. amazing, 73. brisk, 74. statistics, 75. radar, 76. ecosystem

77. high levels of air po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
78. morning ma_____y *n.* regal or royal dignity; grandeur or greatness
79. ins_____ant amount *adj.* of little importance, influence, or power
80. a rid_____us amount of money *adj.* very silly or unreasonable and deserving to be laughed at
81. natural da_____ht *n.* the natural light produced by the sun during the day, especially in contrast to artificial light or darkness
82. ur__n property owners *adj.* relating to or located in a town or city
83. b__m of light *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
84. the cr_____or's claims *n.* a person, company, etc. to whom a debtor owes money
85. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
86. re____al cells *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
87. tw_____ht of an era *n.* the soft, diffused light from the sky when the sun is below the horizon, either from sunrise to sunrise or sunset to sunset
88. co_____ss hours *adj.* too numerous to be counted or very many

ANSWERS: 77. pollution, 78. majesty, 79. insignificant, 80. ridiculous, 81. daylight, 82. urban, 83. beam, 84. creditor, 85. ecosystem, 86. retina, 87. twilight, 88. countless

89. de___t a bad event
v. to find or recognize something, especially something difficult to see, hear, etc.
90. an exc_____ly difficult book
adv. to an extreme degree
91. in_____nt risk
adj. existing in something as a permanent, essential, or characteristic attribute
92. the or__t of the moon
n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
93. toxic ch_____als
adj. relating to or connected with chemistry;
94. exc_____ly common
adv. to an extreme degree
95. ci_____an clock
adj. relating to a physiological cycle that lasts approximately 24 hours, impacting physical and behavioral changes that occur over the course of a day, such as sleep-wake cycles or fluctuations in hormones
96. a heat sh___d
n. a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
97. je__l of the crown
n. a precious stone that is cut and polished for use in jewelry
98. ou_____er our opponents
v. to be more numerous or greater in number than another group or entity; to exceed in quantity or number
99. supply ch__n
n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

ANSWERS: 89. detect, 90. exceedingly, 91. inherent, 92. orbit, 93. chemical, 94. exceedingly, 95. circadian, 96. shield, 97. jewel, 98. outnumber, 99. chain

100. wi_____ll energy *n.* a machine that uses wind power to generate mechanical energy or electricity
101. diagnosis of an_____y disorder *n.* a feeling of worry, nervousness, or unease about something that is happening or might happen in the future
102. age-old cl_____e *n.* a phrase or expression that has become overused to the point that it has lost its original impact or meaning; a trite or unoriginal idea or statement
103. pre_____us job *adj.* not securely held or in position; dangerously unstable or uncertain; dependent on chance or uncertain conditions
104. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
105. su_____b life *n.* an outlying district or residential area of a city or town, typically comprising middle-class and affluent neighborhoods
106. ro_____y speaking *adv.* approximately but not precisely; with a violent manner
107. po_____e the thread *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
108. 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

ANSWERS: 100. windmill, 101. anxiety, 102. cliché, 103. precarious, 104. disease, 105. suburb, 106. roughly, 107. pollute, 108. contribute

109. cat_____he risk management *n.* a sudden event that causes extreme ruin and misfortune
110. the stars of the Scorpion
con_____ion *n.* a group of stars that form a recognizable pattern and have a name; a group of related or similar ideas, things, or people
111. car_____lar tissue *adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)
112. vi_____e stars *adj.* capable of being seen; or open to easy view
113. fea_____ss interior *adj.* lacking distinctive qualities, characteristics, or features; plain, unremarkable, or nondescript
114. pr_____le cause of a fire *adj.* likely to happen or likely to be true
115. ob_____y-related diseases *n.* the condition of being significantly overweight, typically defined as having a body mass index (BMI) of 30 or greater.
116. decision-making pr_____s *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
117. solar ast_____er *n.* a physicist who studies astronomy
118. an in_____le asset *adj.* impossible or nearly impossible to see

ANSWERS: 109. catastrophe, 110. constellation, 111. cardiovascular, 112. visible, 113. featureless, 114. probable, 115. obesity, 116. process, 117. astronomer, 118. invisible

119. bl__k paper	<i>adj.</i> without any writing or printing; empty or devoid of ideas, information, or meaning; unable to remember or recall information
120. int_____le pain	<i>adj.</i> difficult to manage or control; stubborn or obstinate
121. lose ex___s weight	<i>n.</i> an amount or quantity beyond what is acceptable, expected, or reasonable
122. re_____sh my spirit	<i>v.</i> to fill something that had previously been emptied
123. coi_____nt indicators	<i>adj.</i> happening or operating in the same place or at the same time
124. avoid climate cat_____he	<i>n.</i> a sudden event that causes extreme ruin and misfortune
125. do_____nt force	<i>adj.</i> more important, influential, or easy to notice than anything else of the same type
126. sl__y substance	<i>adj.</i> covered with or having a slippery, viscous coating; repulsively slippery or oozy; containing or resembling slime
127. ill_____ing light	<i>adj.</i> making something clear or easy to understand; providing light
128. po_____ly ask	<i>adv.</i> in a courteous or respectful manner, showing good manners or consideration for others
129. develop in_____e itching	<i>adj.</i> (especially of a feeling) very strong; extremely sharp or severe
130. pre_____us financial situation	<i>adj.</i> not securely held or in position; dangerously unstable or uncertain; dependent on chance or uncertain conditions

ANSWERS: 119. blank, 120. intractable, 121. excess, 122. replenish, 123. coincident, 124. catastrophe, 125. dominant, 126. slimy, 127. illuminating, 128. politely, 129. intense, 130. precarious

131. study of inv_____ates *n.* a class of animals that do not have a backbone; they include insects, worms, and mollusks
132. tu__r growth *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
133. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
134. hi_____y system *n.* a main road, especially one connecting major towns or cities
135. a planetary or__t *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
136. sl__y green algae *adj.* covered with or having a slippery, viscous coating; repulsively slippery or oozy; containing or resembling slime
137. bl__k expression *adj.* without any writing or printing; empty or devoid of ideas, information, or meaning; unable to remember or recall information
138. suffer from ve_____o *n.* a feeling of dizziness or disorientation often caused by a disturbance in the inner ear; a sensation or feeling of being unsteady or losing one's balance
139. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
140. prepare ta__y food *adj.* having a strong and pleasant flavor when it is eaten

ANSWERS: 131. invertebrate, 132. tumor, 133. communal, 134. highway, 135. orbit, 136. slimy, 137. blank, 138. vertigo, 139. detect, 140. tasty

141. ba____le growth *n.* a type of crustacean that attaches itself to hard surfaces underwater, such as rocks, ships, or docks; a metaphorical term used to describe a person or object that is difficult to remove or separate from another person or object
142. cl____e plot *n.* a phrase or expression that has become overused to the point that it has lost its original impact or meaning; a trite or unoriginal idea or statement
143. bit of a he____he *n.* pain in the head; someone or something that causes anxiety or trouble
144. the root problem of her dep____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
145. ho____e secretion *n.* a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood
146. 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
147. bankrupt cr____or *n.* a person, company, etc. to whom a debtor owes money
148. d__e not go *v.* to have the courage to do something

ANSWERS: 141. barnacle, 142. cliché, 143. headache, 144. depression, 145. hormone, 146. pollinator, 147. creditor, 148. dare

149. ca_____e connection *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
150. online au_____n *n.* a public sale in which goods or property are sold to the highest bidder; a process of selling goods or property through competitive bidding
151. a wh_____al person *adj.* unusual and not severe in a way that might be funny or annoying; determined by chance or impulse or whim rather than by necessity or reason
152. students at all gr___e levels *n.* a particular level of quality, size, importance, etc.
153. pho_____ic face *adj.* having an attractive appearance or quality when photographed; appearing well in photographs or on film
154. ta__y treats *adj.* having a strong and pleasant flavor when it is eaten
155. af___d a high travel cost *v.* to have enough money or time to be able to buy or do something
156. apex pr_____or *n.* an animal whose natural behavior is to prey on others
157. a series of coi_____nt events *adj.* happening or operating in the same place or at the same time
158. wh__k meat *n.* a type of marine snail with a spiral shell and a large foot used for movement and capturing prey, often used for food or as bait for fishing
159. ou_____er males *v.* to be more numerous or greater in number than another group or entity; to exceed in quantity or number

ANSWERS: 149. cascade, 150. auction, 151. whimsical, 152. grade, 153. photogenic, 154. tasty, 155. afford, 156. predator, 157. coincident, 158. whelk, 159. outnumber

160. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
161. a rid_____us suggestion *adj.* very silly or unreasonable and deserving to be laughed at
162. vi_____ly identical *adv.* almost completely
163. economic th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
164. northern con_____ion *n.* a group of stars that form a recognizable pattern and have a name; a group of related or similar ideas, things, or people
165. pre-mo____n agricultural society *adj.* of or belonging to the present time or recent times
166. ra__r scanning *n.* a technology that employs radio waves to locate items that cannot be seen
167. take several inputs sim_____sly *adv.* at the same time
168. environmental th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
169. suffer from ob_____y *n.* the condition of being significantly overweight, typically defined as having a body mass index (BMI) of 30 or greater.

ANSWERS: 160. communal, 161. ridiculous, 162. virtually, 163. threat, 164. constellation, 165. modern, 166. radar, 167. simultaneously, 168. threat, 169. obesity

170. me_____in receptor *n.* a hormone that is produced by the pineal gland in the brain and that helps to regulate sleep-wake cycles
171. unr_____ble in looks *adj.* ordinary and not particularly interesting
172. go to the workplace by cy__e *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
173. ca___r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
174. sim_____sly affected *adv.* at the same time
175. wh__k him with a stick *v.* to hit someone or something hard or noisily
176. di_____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
177. co_____te closely with the quality *v.* to have a connection or relationship in which one thing affects or depends on another
178. an ad_____te of disarmament *n.* a person who supports or suggests an idea, development, or way of doing something
179. the ba_____e of power *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away

ANSWERS: 170. melatonin, 171. unremarkable, 172. cycle, 173. cancer, 174. simultaneously, 175. whack, 176. disrupt, 177. correlate, 178. advocate, 179. balance

180. the cy__e of the seasons *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
181. nodded po____ly *adv.* in a courteous or respectful manner, showing good manners or consideration for others
182. a nightly fe__t *n.* a large meal, typically one served on a special occasion
183. g__e steadily at his face *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
184. au____n house *n.* a public sale in which goods or property are sold to the highest bidder; a process of selling goods or property through competitive bidding
185. br____t cancer *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
186. a fe__t for the eyes *n.* a large meal, typically one served on a special occasion
187. expansion of the un____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
188. di____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

ANSWERS: 180. cycle, 181. politely, 182. feast, 183. gaze, 184. auction, 185. breast, 186. feast, 187. universe, 188. disrupt

189. ci_____an disruption *adj.* relating to a physiological cycle that lasts approximately 24 hours, impacting physical and behavioral changes that occur over the course of a day, such as sleep-wake cycles or fluctuations in hormones
190. locust sw__m *n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground
191. sc__e off her attacker by screaming *v.* to frighten a person or animal, or to become frightened
192. boys in the twelfth gr__e *n.* a particular level of quality, size, importance, etc.
193. an ins_____ant mistake *adj.* of little importance, influence, or power
194. an ove_____ing victory *adj.* very great or intense; so powerful that you cannot fight or react against it
195. juvenile di_____es *n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
196. fea_____ss landscape *adj.* lacking distinctive qualities, characteristics, or features; plain, unremarkable, or nondescript
197. es_____en-responsive breast cancer *n.* a category of female steroid sex hormone responsible for the development and regulation of the female reproductive system and secondary sex characteristics
198. mo____n poetry *adj.* of or belonging to the present time or recent times

ANSWERS: 189. circadian, 190. swarm, 191. scare, 192. grade, 193. insignificant, 194. overwhelming, 195. diabetes, 196. featureless, 197. estrogen, 198. modern

199. int_____le situation *adj.* difficult to manage or control; stubborn or obstinate
200. mo_____to repellent *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
201. br___e decision *adj.* showing courage or fearlessness in the face of danger, difficulty, or adversity
202. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
203. fat_____le solution *adj.* able to be understood or comprehended; able to be measured or explored to a certain depth
204. become p___y to terrorists *n.* the object of a hunt; an animal hunted or trapped for eating
205. ba_____le removal *n.* a type of crustacean that attaches itself to hard surfaces underwater, such as rocks, ships, or docks; a metaphorical term used to describe a person or object that is difficult to remove or separate from another person or object
206. pe_____al motion machine *adj.* continuing for an extended period in the same way without stopping or being interrupted
207. asset on the company's ba_____e sheet *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away
208. marginal ut_____y *n.* the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public

ANSWERS: 199. intractable, 200. mosquito, 201. brave, 202. environment, 203. fathomable, 204. prey, 205. barnacle, 206. perpetual, 207. balance, 208. utility

209. un_____h her anger *v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
210. answer co_____ss questions *adj.* too numerous to be counted or very many
211. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
212. billions of lig_____ars *n.* a unit of distance used in astronomy to represent the distance that light travels in a year, which is equal to about 9.46 trillion kilometers or 5.88 trillion miles
213. the runner's p___e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
214. wav_____th of light *n.* the distance between two points in the same phase in consecutive cycles of a wave
215. pe_____al struggle *adj.* continuing for an extended period in the same way without stopping or being interrupted
216. theory of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
217. ma_____y of nature *n.* regal or royal dignity; grandeur or greatness
218. g__b an opportunity *v.* to take hold of something or someone suddenly with a hand, especially in a violent way

ANSWERS: 209. unleash, 210. countless, 211. evolve, 212. light-year, 213. pace, 214. wavelength, 215. perpetual, 216. universe, 217. majesty, 218. grab

219. app_____ly simple *adv.* based on what you have heard or read
220. po_____e the air *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
221. wh__k up the volume *v.* to hit someone or something hard or noisily
222. fa__t aroma of roses *adj.* not strong, clear, or vigorous; slight or weak
223. 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
224. hunk of j__k *n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition
225. in_____e heat *adj.* (especially of a feeling) very strong; extremely sharp or severe
226. p__y of beast *n.* the object of a hunt; an animal hunted or trapped for eating
227. inv_____ate species *n.* a class of animals that do not have a backbone; they include insects, worms, and mollusks

ANSWERS: 219. apparently, 220. pollute, 221. whack, 222. faint, 223. process, 224. junk, 225. intense, 226. prey, 227. invertebrate

228. a broad sp_____um of opinion *n.* an ordered array of colors into which a light beam can be split
229. j__k mail *n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition
230. the Great Dep_____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
231. an_____y for knowledge *n.* a feeling of worry, nervousness, or unease about something that is happening or might happen in the future
232. a GPS sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
233. lig_____ar distance *n.* a unit of distance used in astronomy to represent the distance that light travels in a year, which is equal to about 9.46 trillion kilometers or 5.88 trillion miles
234. a ch_____al compound *adj.* relating to or connected with chemistry;
235. in_____le stars *adj.* impossible or nearly impossible to see
236. sc__e the birds away *v.* to frighten a person or animal, or to become frightened
237. car_____nic chemicals *adj.* capable of causing cancer or promoting tumor growth; cancer-causing

ANSWERS: 228. spectrum, 229. junk, 230. depression, 231. anxiety, 232. satellite, 233. light-year, 234. chemical, 235. invisible, 236. scare, 237. carcinogenic

238. an interstate hi____y *n.* a main road, especially one connecting major towns or cities
239. ur__n planning *adj.* relating to or located in a town or city
240. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
241. transistor ca_____e *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
242. con_____te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people
243. vi_____e by X-ray *adj.* capable of being seen; or open to easy view
244. tr__e back to medieval times *v.* to find or discover someone or something that was lost
245. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
246. a structural b__m of a building *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
247. su___b development *n.* an outlying district or residential area of a city or town, typically comprising middle-class and affluent neighborhoods
248. mo_____to bite *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

ANSWERS: 238. highway, 239. urban, 240. environment, 241. cascade, 242. contribute, 243. visible, 244. trace, 245. amazing, 246. beam, 247. suburb, 248. mosquito

249. es_____en receptor *n.* a category of female steroid sex hormone responsible for the development and regulation of the female reproductive system and secondary sex characteristics
250. sp____y recovery *adj.* characterized by fast or quick movements, actions, or processes; rapid; swift
251. awe_____ck silence *adj.* filled with a sense of wonder, respect, and admiration for something impressive or overwhelming
252. a sw__m of mosquitoes *n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground
253. achieve a do_____nt share *adj.* more important, influential, or easy to notice than anything else of the same type
254. exploration of co____s *n.* another name for the universe, mainly used when it is thought of as an ordered system
255. in samba rh____m *n.* a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing
256. vi_____ly all countries *adv.* almost completely
257. sn__l pace *n.* a slow-moving mollusk with a spiral shell that it uses to protect its body
258. ride the t__e of change *n.* the cyclical rise and fall of sea level caused by the moon's gravitational pull
259. environmental po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change

ANSWERS: 249. estrogen, 250. speedy, 251. awe-struck, 252. swarm, 253. dominant, 254. cosmos, 255. rhythm, 256. virtually, 257. snail, 258. tide, 259. pollution

260. ove_____ing majority *adj.* very great or intense; so powerful that you cannot fight or react against it
261. wh__k fishery *n.* a type of marine snail with a spiral shell and a large foot used for movement and capturing prey, often used for food or as bait for fishing
262. tr__e a telephone call *v.* to find or discover someone or something that was lost
263. gleaming je__l *n.* a precious stone that is cut and polished for use in jewelry
264. cultural n__m *n.* something that is regarded as usual, typical, or standard
265. ca___r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
266. an una_____ng fashion *adj.* not arrogant, bold, or forward
267. un___k a door with a key *v.* to open something, such as a door, window, etc., usually using a key
268. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
269. public education ad_____tes *n.* a person who supports or suggests an idea, development, or way of doing something
270. n__m of action *n.* something that is regarded as usual, typical, or standard

ANSWERS: 260. overwhelming, 261. whelk, 262. trace, 263. jewel, 264. norm, 265. cancer, 266. unassuming, 267. unlock, 268. disease, 269. advocate, 270. norm

271. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
272. origin of the co____s *n.* another name for the universe, mainly used when it is thought of as an ordered system
273. ro_____y explain my idea *adv.* approximately but not precisely; with a violent manner
274. ut_____y costs *n.* the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public
275. re_____sh a reserve fund *v.* to fill something that had previously been emptied
276. sexual pr_____ors *n.* an animal whose natural behavior is to prey on others

ANSWERS: 271. experiment, 272. cosmos, 273. roughly, 274. utility, 275. replenish, 276. predator

Session 3: Fill in the Blanks

1. Having a consistent sleep schedule is important for maintaining a healthy _____ rhythm.
adj. relating to a physiological cycle that lasts approximately 24 hours, impacting physical and behavioral changes that occur over the course of a day, such as sleep-wake cycles or fluctuations in hormones
2. Everyone regarded the theory he advocated as _____ but was later proven correct.
adj. very silly or unreasonable and deserving to be laughed at
3. Long-term exposure to _____ materials can result in serious health problems.
adj. capable of causing cancer or promoting tumor growth; cancer-causing
4. The antique furniture was sold at _____ for a high price.
n. a public sale in which goods or property are sold to the highest bidder; a process of selling goods or property through competitive bidding
5. The phenomenon is _____ at optical wavelengths.
adj. impossible or nearly impossible to see
6. Smoking places you at severe risk of _____ and respiratory disease.
adj. of or relating to the heart and blood vessels (= tubes that carry blood around the body)
7. Honesty is an _____ quality that everyone should strive to possess.
adj. existing in something as a permanent, essential, or characteristic attribute

ANSWERS: 1. circadian, 2. ridiculous, 3. carcinogenic, 4. auction, 5. invisible, 6. cardiovascular, 7. inherent

8. We hit the ground to _____ out the rabbits.
v. to frighten a person or animal, or to become frightened
9. This question has fascinated solar _____ for decades.
n. a physicist who studies astronomy
10. The _____ of the device was immediately apparent to all who saw it.
n. the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public
11. I'm going to take the _____ to get to my destination faster.
n. a main road, especially one connecting major towns or cities
12. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
13. Government workers cannot _____ to political campaigns.
v. to give something, especially money or goods, to provide or achieve something together with other people
14. This pill will relieve your _____ immediately.
n. pain in the head; someone or something that causes anxiety or trouble
15. The _____ texture of the seafood dish made me feel queasy.
adj. covered with or having a slippery, viscous coating; repulsively slippery or oozy; containing or resembling slime
16. Their headquarters are in a _____ skyscraper.
adj. of or belonging to the present time or recent times

ANSWERS: 8. scare, 9. astronomers, 10. utility, 11. highway, 12. amazing, 13. contribute, 14. headaches, 15. slimy, 16. modern

17. The food chain causes a material _____.

n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

18. He has shown signs of uneasiness and _____ worry.

adj. very great or intense; so powerful that you cannot fight or react against it

19. The _____ of severe weather prompted the city to issue an evacuation warning.

n. a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

20. Using the same _____ phrase in every conversation can take time and effort.

n. a phrase or expression that has become overused to the point that it has lost its original impact or meaning; a trite or unoriginal idea or statement

21. She _____ declined the invitation to the party, saying she had other plans.

adv. in a courteous or respectful manner, showing good manners or consideration for others

22. The wall was _____ with no patterns or designs to break up its dullness.

adj. lacking distinctive qualities, characteristics, or features; plain, unremarkable, or nondescript

23. The lecture was _____ and gave me a new perspective on the topic.

adj. making something clear or easy to understand; providing light

24. The heavy _____ in the city was causing health issues for the residents.

n. a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas

ANSWERS: 17. cycle, 18. overwhelming, 19. threat, 20. cliché, 21. politely, 22. featureless, 23. illuminating, 24. smog

25. That statement by the prime minister drew _____ international criticism.

adj. (especially of a feeling) very strong; extremely sharp or severe

26. A stagnant water area are breeding ground for _____.

n. a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

27. The spaceship began to burn up as it approached the Earth's _____.

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

28. He grew up in the _____ but always dreamed of living in the city.

n. an outlying district or residential area of a city or town, typically comprising middle-class and affluent neighborhoods

29. We should do our best not to _____ the environment.

v. to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

30. The king's _____ was apparent in his elegant attire and powerful presence.

n. regal or royal dignity; grandeur or greatness

31. The actress was extremely _____ making her a sought-after model for many beauty brands.

adj. having an attractive appearance or quality when photographed; appearing well in photographs or on film

32. They will _____ between various emotional states.

v. to cause to move up or away after hitting a surface; to spring back

ANSWERS: 25. intense, 26. mosquitos, 27. atmosphere, 28. suburbs, 29. pollute, 30. majesty, 31. photogenic, 32. bounce

33. 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
34. His _____ showed highly positive results.
- n.* the scientific test conducted to observe what happens and gain new knowledge
35. Please _____ my glass with some more wine.
- v.* to fill something that had previously been emptied
36. The customs officer required the traveler to _____ his suitcase.
- v.* to open something, such as a door, window, etc., usually using a key
37. The gardener found a _____ slowly making its way through the lettuce patch.
- n.* a slow-moving mollusk with a spiral shell that it uses to protect its body
38. A _____ of angry bees attacked because we had approached the hive.
- n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground
39. 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
40. The native South American animals were in danger because of the _____ arrival.
- n.* an animal whose natural behavior is to prey on others

ANSWERS: 33. environment, 34. experiments, 35. replenish, 36. unlock, 37. snail, 38. swarm, 39. pollinators, 40. predator's

41. Only a small number of _____ utilities offer sanitation services.

adj. relating to or located in a town or city

42. The view of the city skyline from the top of the building looked amazing in the _____.

n. the natural light produced by the sun during the day, especially in contrast to artificial light or darkness

43. We may frequently _____ age with the frequency of disease.

v. to have a connection or relationship in which one thing affects or depends on another

44. This country _____ its weapons in the east region.

v. to move troops or weapons into a position or military action; to bring into something in an effective way

45. I'm so sorry to _____ you when you're pretty busy.

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

46. She waited for her daughter with _____.

n. a feeling of worry, nervousness, or unease about something that is happening or might happen in the future

47. 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

48. The lack of funds has resulted in a _____ for our university system.

n. a sudden event that causes extreme ruin and misfortune

ANSWERS: 41. urban, 42. daylight, 43. correlate, 44. deployed, 45. disrupt, 46. anxiety, 47. ecosystem, 48. catastrophe

49. White color is made up of many different _____ of light.
- n.* the distance between two points in the same phase in consecutive cycles of a wave
50. The doctor diagnosed him with a rare _____ that had no known cure.
- n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
51. The _____ demonstrate that poverty and unemployment are genuine problems.
- n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
52. He made me feel small and _____.
- adj.* of little importance, influence, or power
53. The _____ of waterfalls in the national park was a breathtaking sight.
- n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
54. Many species of marine _____ such as corals and sponges, are important components of ocean ecosystems.
- n.* a class of animals that do not have a backbone; they include insects, worms, and mollusks
55. The _____ shells on the beach were a sign of the thriving ecosystem in the area.
- n.* a type of marine snail with a spiral shell and a large foot used for movement and capturing prey, often used for food or as bait for fishing
56. My computer has been acting _____ recently.
- adj.* extraordinary, unexpected, or difficult to explain

ANSWERS: 49. wavelengths, 50. disease, 51. statistics, 52. insignificant, 53. cascade, 54. invertebrates, 55. whelk, 56. weird

57. The _____ is about 13.8 billion years old.

- n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

58. Navigators still use the Little Bear _____ at sea.

- n.* a group of stars that form a recognizable pattern and have a name; a group of related or similar ideas, things, or people

59. Her company soon won a _____ market share.

- adj.* more important, influential, or easy to notice than anything else of the same type

60. He beat out a jazz _____ on the cajones.

- n.* a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing

61. Shall we _____ a bite to eat?

- v.* to take hold of something or someone suddenly with a hand, especially in a violent way

62. The police _____ believed this explanation was plausible.

- adv.* based on what you have heard or read

63. _____ all the parties signed the contract.

- adv.* almost completely

64. Fear is _____ infectious, and children catch it from their elders.

- adv.* to an extreme degree

ANSWERS: 57. universe, 58. constellation, 59. dominant, 60. rhythm, 61. grab, 62. apparently, 63. Virtually, 64. exceedingly

65. I ordered a plate of fresh _____ at the seafood restaurant.

- n.* a sea creature with two large claws and a flattened back (e.g., blue crab or king crab); a sour or grumpy person who is prone to complaining or criticizing

66. She had a _____ hold on the ladder and was afraid to move.

- adj.* not securely held or in position; dangerously unstable or uncertain; dependent on chance or uncertain conditions

67. The road of _____ leads to the palace of wisdom.

- n.* an amount or quantity beyond what is acceptable, expected, or reasonable

68. The prevalence of _____ has increased significantly in recent years.

- n.* the condition of being significantly overweight, typically defined as having a body mass index (BMI) of 30 or greater.

69. Try to keep a _____ between work and off.

- n.* a condition in which everything has the same weight or force; something left after other parts have been taken away

70. The majority of snakes swallow their _____ whole.

- n.* the object of a hunt; an animal hunted or trapped for eating

71. _____ elections were held in several European countries.

- adj.* belonging to or used by a group rather than individuals; for common use

72. He was very busy at work but otherwise led an _____ life.

- adj.* ordinary and not particularly interesting

73. Lead is an effective _____ against X-rays, gamma rays, and other harmful radiation.

- n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves

ANSWERS: 65. crab, 66. precarious, 67. excess, 68. obesity, 69. balance, 70. prey, 71. Communal, 72. unremarkable, 73. shield

74. The security camera has _____ four intruders.

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

75. The _____ problem defied a solution.

adj. difficult to manage or control; stubborn or obstinate

76. _____ of abolishing the death penalty often argue that the alternative heaviest sentence should be life in prison.

n. a person who supports or suggests an idea, development, or way of doing something

77. The _____ delivery of my package was surprising.

adj. characterized by fast or quick movements, actions, or processes; rapid; swift

78. It seems _____ that he has forgotten our scheduled meeting.

adj. likely to happen or likely to be true

79. My memory will _____ but my heart will live on.

v. to vanish; to fade away; to lose color; to lose freshness

80. A _____ supplement can help regulate sleep-wake cycles in people with insomnia.

n. a hormone that is produced by the pineal gland in the brain and that helps to regulate sleep-wake cycles

81. The _____ firefighter rescued the family from the burning building.

adj. showing courage or fearlessness in the face of danger, difficulty, or adversity

82. 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: 74. detected, 75. intractable, 76. Advocates, 77. speedy, 78. probable, 79. fade, 80. melatonin, 81. brave, 82. chain

83. I need to clear out some of the _____ in my garage.

- n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition

84. Red _____ is often harmful to the local ecosystem.

- n.* the cyclical rise and fall of sea level caused by the moon's gravitational pull

85. The sky was a beautiful pink and orange color at _____.

- n.* the soft, diffused light from the sky when the sun is below the horizon, either from sunrise to sunrise or sunset to sunset

86. The sun's _____ shone through the window and illuminated the room.

- n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

87. This meal wasn't as _____ as we had imagined.

- adj.* having a strong and pleasant flavor when it is eaten

88. Please _____ your sweat with this towel.

- v.* to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid

89. The bottom of the boat was covered in _____ slowing its speed in the water.

- n.* a type of crustacean that attaches itself to hard surfaces underwater, such as rocks, ships, or docks; a metaphorical term used to describe a person or object that is difficult to remove or separate from another person or object

90. Supercomputers enable scientists to create computational models of the _____.

- n.* another name for the universe, mainly used when it is thought of as an ordered system

ANSWERS: 83. junk, 84. tide, 85. twilight, 86. beam, 87. tasty, 88. wipe, 89. barnacles, 90. cosmos

91. The doctor diagnosed me with a _____ disorder.

- n.* a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood

92. My father was tested for _____.

- n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood

93. The economy is growing at a supercharged _____.

- n.* the speed at which someone or something moves, or the rate at which something happens or changes

94. The countryside was dotted with picturesque _____.

- n.* a machine that uses wind power to generate mechanical energy or electricity

95. I wouldn't _____ to speak to him like that.

- v.* to have the courage to do something

96. Launching an artificial _____ contributed to the technological development of our country.

- n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

97. My home is easily _____ from the shore.

- adj.* capable of being seen; or open to easy view

98. She walked with a _____ pace, eager to reach her destination.

- adj.* lively and energetic

ANSWERS: 91. hormone, 92. diabetes, 93. pace, 94. windmills, 95. dare, 96. satellite, 97. visible, 98. brisk

99. This device displayed the speech _____ spectrographically.
n. an ordered array of colors into which a light beam can be split
100. There are _____ methods for dealing with stress.
adj. too numerous to be counted or very many
101. His _____ manner concealed his ambition.
adj. not arrogant, bold, or forward
102. The number of tourists in the city now _____ the locals.
v. to be more numerous or greater in number than another group or entity; to exceed in quantity or number
103. The patient was diagnosed with a _____ in her lung.
n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
104. Five miles is _____ similar to eight kilometers.
adv. approximately but not precisely; with a violent manner
105. The royal _____ celebrated the harvest, and the community enjoyed it.
n. a large meal, typically one served on a special occasion
106. He cannot _____ a holiday.
v. to have enough money or time to be able to buy or do something
107. _____ with the negotiation, the bank was permitted to open a Beijing branch.
adj. happening or operating in the same place or at the same time

ANSWERS: 99. spectrum, 100. countless, 101. unassuming, 102. outnumber, 103. tumor, 104. roughly, 105. feast, 106. afford, 107. Coincident

108. The lowland _____ was full of dangerous animals and poisonous plants.

n. an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation

109. He _____ the ball out of the park with his home run.

v. to hit someone or something hard or noisily

110. _____ symptoms might include a decrease in appetite and weight loss.

n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market

111. I was _____ by the beauty of the Grand Canyon.

adj. filled with a sense of wonder, respect, and admiration for something impressive or overwhelming

112. I asked the lawyer to initiate _____ negotiations for voluntary liquidation.

n. a person, company, etc. to whom a debtor owes money

113. Let's _____ the origins of some familiar foreign words.

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

114. The _____ is endangering the local plants and animals.

n. the introduction of harmful substances or waste into the natural environment that causes adverse change

115. Proxima Centauri is the closest star to Earth, located about 4.24 _____ away.

n. a unit of distance used in astronomy to represent the distance that light travels in a year, which is equal to about 9.46 trillion kilometers or 5.88 trillion miles

ANSWERS: 108. swamp, 109. whacked, 110. Depression, 111. awe-struck, 112. creditor, 113. trace, 114. pollution, 115. light-years

116. Breast _____ is the most common type of cancer in women.
n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
117. _____ systems cannot spot the submarine.
n. a technology that employs radio waves to locate items that cannot be seen
118. The scientific theories presented in the book were _____ even to non-experts.
adj. able to be understood or comprehended; able to be measured or explored to a certain depth
119. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;
120. The sudden drop on the rollercoaster gave me a wave of _____.
n. a feeling of dizziness or disorientation often caused by a disturbance in the inner ear; a sensation or feeling of being unsteady or losing one's balance
121. Two students answered the teacher's question _____.
adv. at the same time
122. The systems we have developed has accepted as industry _____.
n. something that is regarded as usual, typical, or standard
123. The company employs a _____ inventory system.
adj. continuing for an extended period in the same way without stopping or being interrupted

ANSWERS: 116. cancer, 117. Radar, 118. fathomable, 119. chemical, 120. vertigo, 121. simultaneously, 122. norms, 123. perpetual

124. The rocket engine is used to put the satellite into _____.

- n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.

125. He grilled the _____ meat of a chicken.

- n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth

126. Eyeless fish _____ in dark caves.

- v.* to develop gradually, or to cause the development of something or someone gradually

127. The older woman also suffers bone loss caused by _____ deficiency.

- n.* a category of female steroid sex hormone responsible for the development and regulation of the female reproductive system and secondary sex characteristics

128. The general was still reluctant to _____ his troops in pursuit of an enemy.

- v.* to suddenly release a strong force, emotion, etc. that cannot be controlled

129. Much of his painting has a _____ quality.

- adj.* unusual and not severe in a way that might be funny or annoying; determined by chance or impulse or whim rather than by necessity or reason

130. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.

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

131. She treasured the small _____ that her grandmother had given her.

- n.* a precious stone that is cut and polished for use in jewelry

ANSWERS: 124. orbit, 125. breast, 126. evolved, 127. estrogen, 128. unleash, 129. whimsical, 130. lab, 131. jewel

132. The computer screen displayed nothing but a _____ white screen

adj. without any writing or printing; empty or devoid of ideas, information, or meaning; unable to remember or recall information

133. Damage to the _____ may play a role in the development of glaucoma.

n. the innermost light-sensitive membrane covering the back wall of the eyeball

134. She heard a _____ nearly invisible scream.

adj. not strong, clear, or vigorous; slight or weak

135. 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

136. The youngster was _____ at by the beast.

v. to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

137. Departments may set requirements for a higher _____ point average.

n. a particular level of quality, size, importance, etc.

138. She savored the _____ happiness she felt during the vacation.

adj. brief or temporary, lasting only a short time

ANSWERS: 132. blank, 133. retina, 134. faint, 135. process, 136. gazed, 137. grade, 138. fleeting