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Karen Bakker: Could an orca give a TED Talk? | TED Talk

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All Words

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Session 1: Word List

fierce

adj. severe and violent in a way that is frightening

synonym: ferocious, convulsive, forceful

(1) **fierce** competition, (2) a **fierce** animal

The **fierce** thunders echoed across the plain.

debate

n. a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

synonym: argument, discussion, dispute

(1) **debate** topic, (2) **debate** competition

The **debate** over climate change continues to be a hot topic in politics.

intelligence

n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

synonym: brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence**

In terms of **intelligence**, he was head and shoulders above his classmates.

- AI** *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
synonym: robot, machine learning, neural network
(1) **AI** expert, (2) apply **AI** technology to art
The evolution of processors has dramatically improved the performance of **AI**.
- transform** *v.* to change in outward structure or looks;
synonym: alter, convert, change
(1) **transform** an education system, (2) **transform** heat into power
My father's death **transformed** my life completely.
- relation** *n.* the way two persons or groups of people feel and act toward one another
synonym: association, linkage, connection
(1) **relation** between cause and effect, (2) **relation** of inclusion
The industrial **relations** laws were passed with little to no alteration.
- acoustic** *adj.* relating to sound or the sense of hearing
synonym: aural, hearing, acoustical
(1) **acoustic** properties of a hall, (2) **acoustic** guitar
The ground acts as an **acoustic** barrier against outside sounds.
- device** *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
synonym: gadget, instrument, tool
(1) electronic **device**, (2) tracking **device**
I always carry a backup **device** in case my phone runs out of battery.

combine

v. to join or merge to form a single thing or group

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,

(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

decode

v. to convert something, such as a message or piece of information, from a specific form into one that you can understand

synonym: decipher, translate, interpret

(1) **decode** a message, (2) ability to **decode** the differences

The software could **decode** the encrypted data and reveal the hidden information.

communicate

v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

synonym: convey, share, transmit

(1) **communicate** his anxieties to the psychiatrist,

(2) **communicate** well with my advisor

Dolphins use sound to **communicate** with each other.

ultrasound

n. higher frequency sound than humans can hear

(1) **ultrasound** meter, (2) **ultrasound** scan

An **ultrasound** scan showed that the baby was a girl.

infrasonic

adj. relating to sound waves below the range of human hearing, typically below 20 Hz

synonym: inaudible, subsonic

(1) **infrasonic** sensor, (2) **infrasonic** electronic waves

Infrasonic waves can be used for communication, such as in long-range submarines.

chirp

n. a short, sharp sound that is made by birds or insects or by electronic devices such as alarms or beepers

synonym: tweet, chirrup, peep

(1) the **chirp** of a bird, (2) the **chirp** of a cricket

The sound of the **chirp** woke me up early in the morning.

bat *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
synonym : cane, rod, stick
(1) **bat** cave, (2) **bat** an eye
The cave was a habitat for **bats**.

advertise *v.* to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it
synonym : publicize, announce, promote
(1) **advertise** the campaign, (2) **advertise** on social media
We want to **advertise** our company through your media.

peak *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
synonym : summit, vertex, apex
(1) at **peak** hour, (2) the **peak** current in the circuit
This measurement aims to reduce traffic at **peak** periods.

translate *v.* to convert or change words into another language
synonym : convert, transcribe, render
(1) **translate** a document into English, (2) **translate** the emotion to a movement
Translate the text from Italian into English.

specifically *adv.* only associated with or meant for one thing
synonym : especially, particularly, notably
(1) designed **specifically** for men, (2) for **specifically** American customers
This ad campaign is aimed **specifically** at young women.

identity

n. the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another

synonym : character, personality, individuality

(1) mistaken **identity**, (2) **identity** as an individual

The terrorist's **identity** remains unknown.

pickup

n. a type of vehicle with an open-air cargo bed at the back used for transporting goods or equipment; the act of collecting or gathering someone or something from a particular location; a warrant to take someone into custody

synonym : truck, cartridge

(1) **pickup** truck, (2) **pickup** and delivery service

I'll be waiting for you in front of the café at 6 PM, so be on time for our **pickup**.

rev

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

synonym : revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

dialect

n. a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics

synonym : accent, language, vernacular

(1) a local **dialect**, (2) minority **dialect**

The **dialect** spoken in the region differed from other parts of the country.

babble

n. the sound of many people speaking simultaneously; meaningless talk or speech

synonym : drivel, gabble, gibberish

(1) the **babble** of a crowd, (2) mindless **babble**
Please avoid using excessive jargon or too much technological **babble**.

complexity

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

synonym: intricacy, sophistication, elaboration

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

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

melodic

adj. having a pleasant or harmonious sound, especially in relation to music

synonym: harmonious, pleasing, musical

(1) **melodic** scale, (2) transcribe **melodic** patterns

She played a **melodic** piece on the piano.

orca

n. a species of large marine mammal, also known as the killer whale, found in Arctic and temperate waters worldwide, known for their intelligence, social behavior, and hunting prowess

synonym: killer whale, sea wolf

(1) **orca** habitat, (2) a huge pod of **orcas**

The **orca** whale is also known as the killer whale.

individual

n. a single person or thing, as distinct from a group

synonym: person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

creature

n. a living being, especially an animal

synonym: being, animal, organism

(1) **creature** of habit, (2) artificial **creature**

The deep sea **creature** was unlike anything the scientists had ever seen before.

beetle

n. an insect having a hard shell-like back covering its wings
(1) **beetle** brows, (2) a **beetle** larva
In ancient civilizations, the scarab **beetle** was worshiped as a sacred creature.

primate

n. any mammal of the order Primates, which includes monkeys, apes, and humans
synonym: ape, monkey, lemur
(1) **primate** species, (2) **primate** sanctuary
Many scientists study **primate** behavior and intelligence.

cousin

n. the child of your aunt or uncle
synonym: relative
(1) cross- **cousin** marriage, (2) **cousin's** family
I used to play with my younger male **cousins** when I was a little girl.

tarsier

n. a small primate that belongs to the family Tarsiidae found primarily in Southeast Asia, including the Philippines, Borneo, and Sumatra
(1) Bornean **tarsier**, (2) **tarsier** habitat
The **tarsier's** unique adaptation allows it to rotate its head almost 180 degrees, giving it exceptional vision.

whale

n. a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities
synonym: porpoise, giant
(1) a bull **whale**, (2) **whale** watching
Some countries have a culture of eating the flesh of a **whale**.

perceive

v. to become aware or conscious of something through the senses
synonym: sense, discern, feel
(1) **perceive** a threat, (2) **perceive** light
Australia is widely **perceived** as having low levels of

corruption.

peacock

n. a large, colorful, and majestic bird of the pheasant family
(1) as proud as a **peacock**, (2) male **peacock**

The vibrant feathers of the **peacock** made it stand out in the garden.

visual

adj. relating to seeing or sight

synonym: optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts

The building makes a remarkable **visual** impact.

display

v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

synonym: show, exhibit, present

(1) **display** merchandise, (2) **display** artwork

We need to **display** our products in an attractive way to attract customers.

decision

n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

synonym: choice, determination, judgment

(1) **decision** authority, (2) a selfish **decision**

She was struggling to make a **decision** between two job offers.

concert

n. a musical performance given in public by one or more players or singers

synonym: gig, musical, show

(1) have a **concert** again, (2) a benefit **concert**

This artist always packs the **concert** halls.

millennium

n. a span of 1000 years, or the 1000th anniversary (plural: millennia)

(1) past **millennium**, (2) **millennium** bottle of wine
Our world is in the third **millennium**.

voiceless

adj. without a voice or the ability to speak

synonym: mute, silent, speechless

(1) **voiceless** consonant, (2) **voiceless** minority

The **voiceless** screams of the victims could be heard in the distance.

abandon

v. to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity

synonym: relinquish, leave behind, disregard

(1) **abandon** a friend, (2) **abandon** the practice

The castle was **abandoned** several years later.

nest

n. a structure in which animals lay their eggs or give birth to their young

synonym: roost, perch, burrow

(1) bird's **nest**, (2) a **nest** of thieves

The female birds build a **nest** and lay their eggs in May.

discovery

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

synonym: finding, uncovering, detection

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

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

shell

n. hard outer covering or case of eggs, nuts, some seeds, and some animals

synonym: ammunition, armor, cover

(1) an egg **shell**, (2) a mollusk **shell**

The outermost electron **shell** determines the chemical properties of an atom.

hatch

v. to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage

synonym : incubate, breed, produce

(1) **hatch** a plan, (2) **hatch** a baby chick

The eggs began to **hatch**, and the small chicks emerged.

coordinate

v. to bring the different parts of the activity and the people into an organized, ordered, or efficient relationship; (adjective) of equal importance, rank, or degree

synonym : organize, harmonize, ordinate

(1) **coordinate** a special project, (2) a **coordinate** clause

We want to **coordinate** a schedule for the investigation.

exquisite

adj. extremely beautiful and delicate

synonym : magnificent, glorious, gorgeous

(1) **exquisite** crafts, (2) a man of **exquisite** sensitivity

We can hear an **exquisite** piano melody from his room.

sensitive

adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

synonym : exposed, susceptible, keen

(1) **sensitive** documents, (2) baby with **sensitive** skin

The teacher is very **sensitive** to children's feelings.

larva

n. the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

synonym : caterpillar, grub, maggot

(1) **larva** of a butterfly, (2) a moth **larva**

The butterfly emerged from its **larva** stage.

mass

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

synonym : abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

spawn

v. to lay eggs or to produce offspring; to cause something to develop

synonym: beget, breed, generate

(1) **spawn** in spring, (2) **spawn** a new concept

The salmon swims upstream to **spawn** in the place they were released.

dot

n. a very small circular mark, especially one that is printed

synonym: drop, dab, fleck

(1) connecting the **dots**, (2) **dot** blot method

The wallpaper had a pattern of pink **dots** on a white surface.

helpless

adj. unable to take care of oneself or to do things without help

synonym: defenseless, powerless, susceptible

(1) **helpless** baby, (2) **helpless** victims

I feel so **helpless** without you.

random

adj. made, done, or happening without method, conscious decision, or any regular pattern

synonym: incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**

To find drunk drivers, police conduct **random** tests.

attune

v. to make receptive or aware; to bring into harmony or alignment

synonym: align, harmonize, acclimate

(1) **attune** to nature, (2) **attune** myself to the rhythm

It is important to **attune** yourself to your customers' needs to provide the best service possible.

- reef** *n.* a long chain or range of rocks or sand near the ocean's surface
(1) barrier **reef**, (2) coral **reefs**
The vessel ran aground on a **reef**.
- nervous** *adj.* worried and anxious about something; relating to the nerves
synonym : neural, anxious, uneasy
(1) development of the **nervous** system, (2) get **nervous**
He suffers from **nervous** breakdowns.
- profoundly** *adv.* to a great or complete degree; deeply
synonym : deeply, greatly, completely
(1) **profoundly** insightful, (2) sleep **profoundly**
The novel affected her **profoundly**, causing her to question her beliefs and values.
- planet** *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
synonym : earth, world, globe
(1) **planet** like the Earth, (2) save the **planet**
Mercury is the closest **planet** to the sun.
- volcano** *n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.
synonym : mount, peak, crater
(1) **volcano** alert level, (2) active **volcano**
The island was formed by a **volcano** millions of years ago.
- earthquake** *n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface
synonym : seismic activity, tremor, temblor
(1) an **earthquake** zone, (2) an **earthquake-proof**
The violent **earthquake** caused widespread damage and injuries throughout the region.

- soil** *n.* the top layer of Earth in which plants grow
synonym : earth, ground, mud
(1) **soils** retentive of moisture, (2) parched **soil**
Soil moisture is another significant component controlling soil respiration.
- solid** *adj.* hard or firm; characterized by good substantial quality
synonym : stable, reliable, hard
(1) **solid** ally, (2) **solid** employment measures
The **solid-state** of water is called ice.
- hydrothermal** *adj.* relating to hot water or steam, especially in the Earth's crust, and the thermal energy and chemical reactions that occur as a result
synonym : geothermal, thermal, volcanic
(1) **hydrothermal** vents, (2) **hydrothermal** chemistry
The **hydrothermal** activity in this area creates a unique environment for marine creatures.
- vent** *n.* a small opening to escape or release gas, air, liquid, etc.; activity or process that frees or expresses strong creative energy or emotion
synonym : duct, outlet, venthole
(1) volcanic **vent**, (2) **vent** tube
He gave **vent** to his anger by playing the guitar.
- rhythmic** *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
synonym : measured, metrical, cadenced
(1) a **rhythmic** stroking, (2) in a **rhythmic** pace
The **rhythmic** sound of the drums was mesmerizing.
- humming** *adj.* producing a continuous, low, vibrating sound like that of the bee
synonym : buzzing, droning, vibrating
(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

silent

adj. without any or little sound

synonym : quiet, hushed, mute

(1) **silent** reading, (2) give **silent** consent

The politician remained **silent** despite intense media scrutiny.

illusion

n. a false idea or belief, especially about somebody or about a situation

synonym : delusion, fallacy, magic trick

(1) optical **illusion**, (2) the **illusion** of being in the forest

He could no longer tell the difference between **illusion** and reality.

vast

adj. enormous in size, number, amount, or quantity

synonym : expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

extent

n. the point or degree or area to which something extends

synonym : amount, degree, intensity

(1) certain **extent**, (2) the **extent** of the damage

I was amazed at the **extent** of her generosity.

interspecies

adj. occurring between or involving different species; pertaining to interactions between different species

synonym : interbreeding, crossbreeding, mixed

(1) **interspecies** interaction, (2) **interspecies** communication

There are many cases of **interspecies** cooperation in the animal kingdom.

hunt

v. to go after and try to catch wild animals to kill them for food, sport, or profit

synonym : chase, pursuit, quest

(1) **hunt** a job, (2) **hunt** after knowledge
Hounds **hunt** their prey by using their keen scent.

moth

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

(1) **moth** larva, (2) **moth** attracted to the light
The **moth** is a serious threat to the farm's output.

echolocation

n. the use of reflected sound waves to locate objects, particularly by dolphins and bats.

synonym : echo sounding

(1) bat **echolocation**, (2) ultrasound for **echolocation**
Dolphins use **echolocation** for hunting fish.

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.

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.

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym : give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution
During the unloading, the container box **emits** a clicking sound.

jam

n. a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of

crushed fruit

synonym : difficulty, mess, preserve

(1) a traffic **jam**, (2) a jar of **jam**

The shredder in the print room often has paper **jams**.

attempt

n. an act or effort of trying to do something, especially something difficult

synonym : endeavor, effort, try

(1) the **attempt** to rescue the hostages, (2) a reckless **attempt**

The third **attempt** was far more successful.

vary

v. to become different in terms of size, shape, etc.

synonym : alter, contrast, differ

(1) **vary** according to the age, (2) **vary** directly with the price

Maximum heart rates **vary** a lot for each individual.

algorithm

n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

synonym : logic, method, rule

(1) the RSA **algorithm**, (2) **algorithm** for image processing

We can evaluate the performance of an **algorithm** in terms of computation time.

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.

accuracy

n. the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake

synonym : precision, exactness, truthfulness

(1) degree of **accuracy**, (2) the **accuracy** of his compass

To assure **accuracy**, I recommend investing in high-quality

test kits.

dehydrated

adj. to remove the water or moisture from something by a natural or artificial process

synonym: dried, desiccated, parched

(1) **dehydrated** skin, (2) **dehydrated** skimmed milk

I need to drink more water because I'm feeling **dehydrated**.

injury

n. harm done to a person's or an animal's body caused by an accident or an attack

synonym: wound, damage, hurt

(1) without **injury**, (2) a fatal **injury**

My accidental **injury** got better right away.

peer

n. a person who has the same age, status, or ability

synonym: fellow, associate, counterpart

(1) **peer** group, (2) **peer** review

Among young people, **peer** pressure can be pretty influential.

insect

n. any small creature that has six legs and a body divided into three sections

(1) **insect** antenna, (2) **insect** biology

These **insects** are more prevalent above a certain latitude.

doe

n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

synonym: rabbit, bunny, hare

(1) **doe** rabbit, (2) buck and **doe**

Hunters use a whistle that makes the **doe** sound to lure stags.

digital

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

synonym: numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature

Sensors convert physical phenomena into **digital** signals.

technological

adj. based on scientific and industrial progress

synonym : specialized, technical

(1) **technological** advancement, (2) **technological** policy

Technological advances have disrupted many industries.

acoustics

n. a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound

(1) specialize in **acoustics**, (2) the engineer of **acoustics**

The physicist specializes in **acoustics**.

linguist

n. a person who speaks several foreign languages; a person who studies or teaches languages or linguistics

synonym : grammarist, philologue, polyglot

(1) foreign **linguist**, (2) cognitive **linguist**

Though I love literature, I'm a bad **linguist**.

biology

n. the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

sperm

n. the reproductive cell produced by a man or male animal

synonym : seed, semen, seminal fluid

(1) man with a low **sperm** count, (2) production of **sperm**

The male **sperm** fertilizes the female egg.

dictionary

n. a reference book containing an alphabetical list of words and their definitions, as well as information about their origins, usage, and pronunciation

synonym : lexicon, glossary, vocabulary

(1) **dictionary** definition, (2) online **dictionary**

I need to purchase a new English **dictionary**.

specific

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

synonym : particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

honeybee

n. a type of bee that is known for producing honey and pollinating flowers

synonym : apis mellifera

(1) **honeybee** colony, (2) aggressive **honeybee**

The **honeybee** hive is organized into a caste system, with a queen, drones, and workers.

celebrate

v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity

synonym : praise, glorify, honor

(1) **celebrate** his election, (2) **celebrate** Christmas

He **celebrated** the 10th anniversary of his tenure.

roar

v. to make a loud, deep sound, like a lion or a car engine

synonym : bellow, yell, shout

(1) **roar** with laughter, (2) **roar** for more

The lion **roared** loudly, signaling its dominance over the other animals.

buzz

v. to make a continuous, low humming sound such as the one a bee makes; an exciting and active atmosphere

synonym : hum, murmur, whisper

(1) the **buzz** of a cicada, (2) **buzz** marketing

I heard the **buzz** of conversation from the next room.

toot

v. to emit a short, high-pitched sound, often from a horn or whistle; to play a brief, typically loud, note on a musical instrument

synonym : honk, beep, blare

(1) **toot** horn, (2) **toot** a trumpet

My son plays with his toy trumpet and loves to **toot** loudly.

incredibly

adv. in a way that is very difficult to believe; exceedingly or extremely

synonym: enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

posit

v. to suggest or accept something as fact or as a basis for argument or consideration

synonym: assert, declare, assume

(1) **posit** the existence of life after death, (2) **posit** the premise

We should **posit** several hypotheses to discuss the matter.

spatial

adj. of or relating space and the position, area, and size of things

synonym: dimensional, geographical

(1) **spatial** ability, (2) **spatial** distribution

He carefully determined the **spatial** relations of every piece of the stage set.

vibration

n. a continuous quick and slight shaking movement

synonym: oscillation, fluctuation, reverberation

(1) protection against **vibration**, (2) sympathetic **vibration**
Vibration displaced part of the mechanism.

encode

v. to convert information into a code or format suitable for storage or transmission

synonym: transcribe, convert

(1) **encode** data, (2) **encode** information

The software can **encode** and decode encrypted messages.

hive

n. a structure for the reception and habitation of bees, either built by people or made by the bees themselves; a place swarming people

synonym : apiary, swarm, pack

(1) honeybees in **hives**, (2) a **hive** of activity

Bees were buzzing around the **hive**

ignore

v. to intentionally not listen or pay attention to

synonym : neglect, disregard, shun

(1) **ignore** her advice, (2) **ignore** a ban

Since independence, the area has been completely **ignored**.

invention

n. the creation of a new device or process resulting from study and experimentation; the act of inventing

synonym : creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

monitor

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

synonym : proctor, check, observe

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

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

foster

v. to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents

synonym : nurture, nourish, cultivate

(1) **foster** a better relationship, (2) **foster** two kids

The pastor contributed to **fostering** the sense of a community embracing all classes.

empathy

n. the ability to share another person's feelings or experiences by imagining that person's situation

synonym : compassion, sympathy, tenderness

(1) full of **empathy**, (2) **empathy** for patients

Empathy is also necessary to understand history.

disrespect

n. an expression of lack of regard or contempt for someone or something

synonym: impoliteness, rudeness, insult

(1) mean no **disrespect**, (2) **disrespect** for a customer

His **disrespectful** behavior towards his elders earned him a stern warning from his parents.

ethical

adj. of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these

synonym: honorable, moral, virtuous

(1) an **ethical** doctrine, (2) shoulder **ethical** responsibility

The president must have the highest **ethical** standards.

eavesdrop

v. to listen to someone else's conversation without their knowledge or permission

synonym: listen in, spy, overhear

(1) **eavesdrop** conversation, (2) **eavesdrop** on a secret plot

I accidentally **eavesdropped** on a confidential meeting last week.

engage

v. to attract and keep someone's attention and interest; to participate in or obtain services of something

synonym: confront, employ, amuse

(1) **engage** in environmental protection activities,

(2) **engage** a new employee

Many multinational companies are **engaged** in the reconstruction of that country.

downside

n. the negative aspects or consequences of something; the potential for loss or failure

synonym: drawback, negative, disadvantage

(1) major **downside**, (2) **downside** of globalization

The **downside** of the new policy was that it would be more expensive for customers.

robin

n. a small bird from the thrush family, typically having a red breast and found across Europe, Asia, and North America

synonym : thrush, red-breast, redbird

(1) **robin** eggs, (2) **robin's** nest

I love listening to the cheerful song of the **robin** in my garden.

deepfake

n. a manipulated video or audio recording that uses advanced computer technology to create a realistic portrayal of a person saying or doing something they did not actually say or do, often used for deceptive or malicious purposes

synonym : AI-generated media, manipulated media

(1) **deepfake** technology, (2) **deepfake** video

The use of **deepfakes** in political campaigns is a growing concern.

daisy

n. a wildflower that typically has a yellow disc at the center of a white or pink-and-white flowerhead

synonym : marguerite, bellis, chrysanthemum

(1) **daisy** chain, (2) lawn **daisy**

She picked a blue **daisy** from the meadow and placed it in her hair.

misuse

n. the act of using something in an unsuitable way or for the wrong purpose

synonym : abuse, misemployment, mishandling

(1) the **misuse** of company money, (2) protect the database from **misuse**

Drug **misuse** is associated with mental health disorders.

poacher

n. a person who catches and kills birds, animals, or fish illegally

(1) crackdown on **poachers**, (2) a suspected **poacher**

An old **poacher** makes the best keeper.

ethics

n. a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong

synonym : morals, principles, moralities

(1) political **ethics**, (2) **ethics** of journalism

This scripture provides the code of **ethics** for the religion.

guardrail

n. a sturdy metal or wooden railing or barrier placed beside a road, bridge, or other dangerous areas to prevent vehicles or people from going over the edge; a protective barrier or railing used to prevent falls or accidents

synonym : barrier, railing, fence

(1) **guardrail** installation, (2) damaged **guardrail**

The **guardrail** along the highway prevents vehicles from going off the road's edge.

immediate

adj. happening or done without delay or occurring shortly after something else

synonym : prompt, quick, instantaneous

(1) take **immediate** effect, (2) the **immediate** past

Both forts were subject to **immediate** attacks.

practical

adj. of or connected with actual use or real situation rather than with theory and ideas

synonym : applicable, functional, realistic

(1) **practical** English, (2) gain **practical** experience

Her concept is highly **practical** and helpful.

massive

adj. enormous amount; very heavy and solid

synonym : enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive** layoffs.

biodiversity

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

environment

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

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

crisis

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

synonym: concern, problem, emergency

(1) financial **crisis**, (2) **crisis** management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

croak

v. to make a hoarse sound, like a raven or frog; to make complaining remarks or noises under one's breath

synonym: cronk, mutter

(1) start to **croak**, (2) don't **croak** on this festive occasion

Because of her severe cold, she could only **croak**.

sizzle

v. to make a hissing or crackling sound, especially when something is cooking in a pan

synonym: crackle, hiss, pop

(1) **sizzle** in the distance, (2) **sizzle** in the pan

The hot metal **sizzled** as it hit the water, creating steam.

disappear

v. to cease to exist or be visible

synonym: fade, evaporate, vanish

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

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

landscape

n. an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

synonym: geography, terrain, topography

(1) a peaceful **landscape**, (2) **landscape** painting

Recent electoral shocks have shaken the political **landscape**

in Europe.

soundscape

n. the overall sound environment of a particular area or place

synonym: auditory environment, acoustics

(1) **soundscape** music, (2) tranquil **soundscape**

The **soundscape** of the city was a symphony of car horns and chatter.

ray

n. a narrow line of light, heat, or another form of energy

synonym: beam, light, glimmer

(1) opaque to X- **rays**, (2) effect of cosmic **rays**

Gamma **rays** penetrate body tissues and cause cell damage.

therapy

n. the act of caring for someone through medication, remedial training, etc.

synonym: antidote, medicine, treatment

(1) **therapy** for a patient, (2) field of gene **therapy**

I underwent aversion **therapy** for my addiction to alcohol.

climate

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

synonym: atmosphere, weather, environment

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

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

epidemic

n. the widespread outbreak of a particular disease in a large number of people at the same time

synonym: outbreak, contagion, plague

(1) a worldwide **epidemic**, (2) health **epidemic**

The disease is now reaching **epidemic** proportions in our country.

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.

marine

adj. relating to the sea and the creatures and plants that live there

synonym : sea-dwelling, maritime, aquatic

(1) **marine** insurance, (2) variety of **marine** life

Seals and whales are **marine** animals beloved by the people.

tragic

adj. causing great sadness or suffering; very unfortunate

synonym : calamitous, disastrous, catastrophic

(1) **tragic** love stories, (2) **tragic** death

The **tragic** events of the war left many families torn apart.

Atlantic

adj. relating to or located near the Atlantic Ocean, which is the second-largest ocean on Earth, located between the continents of North and South America to the west and Europe and Africa to the east

(1) **Atlantic** breeze, (2) **Atlantic** salmon

The **Atlantic** hurricane season runs from June to November each year.

endangered

adj. at risk of extinction because it is facing significant threats

synonym : at risk, threatened, vulnerable

(1) **endangered** species, (2) **endangered** ecosystem

The government has implemented policies to protect the habitat of **endangered** animals.

launch

v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

synonym : start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack

The company is set to **launch** its new product line next month.

triangle

n. a three-sided polygon with three angles; something that has three sides or parts

synonym : trilateral, delta, triad

(1) **triangle** shape, (2) love **triangle**

The Pythagorean theorem is used to calculate the length of the sides of a right **triangle**.

locate

v. to specify or determine the exact position of someone or something

synonym : discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

convey

v. to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another

synonym : communicate, transfer, deliver

(1) **convey** a complex idea, (2) **convey** goods by truck

An ironic remark often **conveys** an intended meaning obliquely.

captain

n. the leader of a group of people, especially who is in charge of a ship or aircraft

synonym : boss, director, leader

(1) the **captain** of an opposing team, (2) **captain** of industry

The **captain** ordered the troops to fire.

strike

v. to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon

synonym : hit, impact, influence

(1) **strike** up a conversation, (2) **strike** a blow

We **strike** to achieve more wages and safer working conditions.

zone

n. a specific area, region, or section that is marked off or defined in some way

synonym : area, region, territory

(1) time **zone**, (2) **zone** defense

He was reluctant to leave his comfort **zone** and try something new.

harpoon

n. a spear-like weapon used for fishing or hunting sea creatures such as whales or sharks; a sharp tool used for piercing or impaling something; (verb) to hunt or capture a fish or other sea creature using a spear-like instrument called a harpoon

synonym: spear, lance, arrow

(1) **harpoon** fishing, (2) **harpoon** the giant octopus

The whaling industry declined as countries began to ban the use of **harpoons**

extinction

n. the complete disappearance of a species from the earth

synonym: disappearance, eradication, annihilation

(1) **extinction** prevention, (2) brink of **extinction**

The **extinction** of the dinosaurs is thought to have been caused by an asteroid impact.

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.

movement

n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

synonym: motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

watershed

n. an area of land that separates rivers that flow to different seas or drainage basins

synonym: divide, separator, boundary

(1) the hydrology of a **watershed**, (2) **watershed** conservation

Watershed management strategies aim to reduce pollution and protect water resources.

lane

n. a narrow road in the countryside; a well-defined track or path for someone such as a swimmer or driver

synonym: roadway, street, artery

(1) **lane** change, (2) first **lane**

We walked along a muddy **lane** to reach the farm.

microscope

n. an instrument used to see objects or substances that are too small to be seen with the naked eye

synonym: lens, magnifier, eyepiece

(1) **microscope** slide, (2) electron **microscope**

I used an optical **microscope** to observe the small organisms in the water sample.

astonished

adj. extremely surprised and upset

synonym: amazed, dumbfounded, flabbergasted

(1) **astonished** at the success, (2) cast **astonished** eyes

She was **astonished** by the news and could hardly believe it.

microbe

n. a tiny living thing that can only be seen with a microscope and that may cause disease

synonym: germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

Microbes thrive on the surface of the human skin.

manipulate

v. to influence or control something or someone to your advantage, often in an unfair or dishonest way

synonym: control, exploit, abuse

(1) **manipulate** figures, (2) vulnerable to **manipulate**

Please tell me how to **manipulate** this computer.

telescope

n. a device like a tube in shape containing lenses used to magnify and observe distant objects

(1) a binocular **telescope**, (2) look through a **telescope**

This facility has the largest astronomical **telescope** in the country.

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.

origin

n. the first existence or beginning of something

synonym: root, source, ancestor

(1) **origin** of information, (2) racial **origin**

There are various hypotheses concerning the **origin** of life.

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.

optics

n. the academic study of vision and light

(1) **optics** technology, (2) fiber **optics**

Einstein's new **optics** theory transformed traditional scientific notions about light.

decent

adj. satisfactory, acceptable, or good in a general sense

synonym: respectable, honorable, good

(1) yearn for the **decent** living, (2) a **decent** education

He earned a **decent** salary at his job.

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**.

frontier

n. a border that separates two countries, or the area near this line

synonym : border, boundary, borderland

(1) **frontier** disputes, (2) the Italian **frontier** with Switzerland

He worked at the **frontier** of behavioral economics.

speculate

v. to form a theory or conjecture or guess about a subject without solid evidence

synonym : assume, conjecture, infer

(1) **speculate** about the reason, (2) **speculate** on the outcome

He **speculated** that this investment would lead to success.

dodge

v. to move quickly and suddenly to avoid something; to evade or sidestep

synonym : evade, sidestep, avoid

(1) **dodge** a blow, (2) **dodge** a question

She had to **dodge** the oncoming traffic to cross the busy street safely.

seismic

adj. relating to or caused by an earthquake or earth vibration

synonym : seismic, tectonic, vibrational

(1) **seismic** activities, (2) a **seismic** center

Earthquakes produce two types of **seismic** waves.

blast

n. explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise

synonym : blow, burst, explosion

(1) a **blast** of wind, (2) an icy **blast**

The **blast** shattered the laboratory equipment.

desperately

adv. in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency

synonym : urgently, perilously, seriously

(1) **desperately** anxious, (2) **desperately** ill patient

The baby clung **desperately** to her mother.

salmon

n. a type of fish that is commonly found in the North Atlantic and North Pacific oceans

synonym : fish, trout, salmonid

(1) **salmon** fishery, (2) **salmon** migration

Grilled **salmon** is a popular dish at summer barbecues.

survive

v. to live or exist despite a dangerous event or period

synonym : endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash

These birds can only **survive** in temperate climates.

crazy

adj. stupid or not sensible; very angry

synonym : insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme

The rain and thunder are **crazy** today.

untethered

adj. not tied or secured to anything; free to move or roam without restriction or confinement

synonym : free, loose, unattached

(1) **untethered** phone, (2) **untethered** from reality

The bird flew **untethered** in the sky.

creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym : imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his

subordinates more **creative**.

unprecedented

adj. never having been seen, done, or known before

synonym : novel, outstanding, unparalleled

(1) **unprecedented** boom, (2) **unprecedented** business opportunity

Unprecedented amounts of heckling and slogan-shouting took place throughout the event.

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**.

emergency

n. a sudden unforeseen crisis usually involving danger that requires immediate action

synonym : crisis, trouble, difficulty

(1) **emergency** action, (2) acute **emergency**

The president declared a state of **emergency**.

Session 2: Spelling

- | | |
|-------------------------------------|---|
| 1. fiber op___s | <i>n.</i> the academic study of vision and light |
| 2. sp_____l distribution | <i>adj.</i> of or relating space and the position, area, and size of things |
| 3. a fatal in___y | <i>n.</i> harm done to a person's or an animal's body caused by an accident or an attack |
| 4. sa___n migration | <i>n.</i> a type of fish that is commonly found in the North Atlantic and North Pacific oceans |
| 5. pe_____ve light | <i>v.</i> to become aware or conscious of something through the senses |
| 6. the ch__p of a cricket | <i>n.</i> a short, sharp sound that is made by birds or insects or by electronic devices such as alarms or beepers |
| 7. ex_____te crafts | <i>adj.</i> extremely beautiful and delicate |
| 8. ma_____e stars | <i>adj.</i> enormous amount; very heavy and solid |
| 9. z__e defense | <i>n.</i> a specific area, region, or section that is marked off or defined in some way |
| 10. pathogenic mi_____e | <i>n.</i> a tiny living thing that can only be seen with a microscope and that may cause disease |
| 11. si___e in the distance | <i>v.</i> to make a hissing or crackling sound, especially when something is cooking in a pan |
| 12. com_____te well with my advisor | <i>v.</i> to share or exchange information with others by speaking, writing, moving your body, or using other signals |

ANSWERS: 1. optics, 2. spatial, 3. injury, 4. salmon, 5. perceive, 6. chirp, 7. exquisite, 8. massive, 9. zone, 10. microbe, 11. sizzle, 12. communicate

- | | |
|--|--|
| 13. a reckless at_____t | <i>n.</i> an act or effort of trying to do something, especially something difficult |
| 14. v__t majority | <i>adj.</i> enormous in size, number, amount, or quantity |
| 15. cognitive com_____ty | <i>n.</i> the state or quality of being complicated or intricate and difficult to understand |
| 16. po__t the existence of life after death | <i>v.</i> to suggest or accept something as fact or as a basis for argument or consideration |
| 17. co_____e chemically with another substance | <i>v.</i> to join or merge to form a single thing or group |
| 18. at p__k hour | <i>n.</i> the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain |
| 19. a cr__y scheme | <i>adj.</i> stupid or not sensible; very angry |
| 20. protect the database from mi___e | <i>n.</i> the act of using something in an unsuitable way or for the wrong purpose |
| 21. v__y directly with the price | <i>v.</i> to become different in terms of size, shape, etc. |
| 22. ea_____op on a secret plot | <i>v.</i> to listen to someone else's conversation without their knowledge or permission |
| 23. mo_____nt of troops | <i>n.</i> a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively |

ANSWERS: 13. attempt, 14. vast, 15. complexity, 16. posit, 17. combine, 18. peak, 19. crazy, 20. misuse, 21. vary, 22. eavesdrop, 23. movement

24. ability to de___e the differences *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
25. a rh____ic stroking *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
26. parched s__l *n.* the top layer of Earth in which plants grow
27. end_____ed ecosystem *adj.* at risk of extinction because it is facing significant threats
28. in a rh____ic pace *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
29. v__t tube *n.* a small opening to escape or release gas, air, liquid, etc.; activity or process that frees or expresses strong creative energy or emotion
30. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
31. deh_____ed skimmed milk *adj.* to remove the water or moisture from something by a natural or artificial process
32. co_____e augmented reality *v.* to join or merge to form a single thing or group
33. p__y of beast *n.* the object of a hunt; an animal hunted or trapped for eating
34. the ch__p of a bird *n.* a short, sharp sound that is made by birds or insects or by electronic devices such as alarms or beepers

ANSWERS: 24. decode, 25. rhythmic, 26. soil, 27. endangered, 28. rhythmic, 29. vent, 30. rev, 31. dehydrated, 32. combine, 33. prey, 34. chirp

35. unp_____ted boom *adj.* never having been seen, done, or known before
36. la__a of a butterfly *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
37. a mollusk sh__l *n.* hard outer covering or case of eggs, nuts, some seeds, and some animals
38. mic_____pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
39. in___t biology *n.* any small creature that has six legs and a body divided into three sections
40. bio_____ity conservation *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
41. inf_____ic sensor *adj.* relating to sound waves below the range of human hearing, typically below 20 Hz
42. de_____ke video *n.* a manipulated video or audio recording that uses advanced computer technology to create a realistic portrayal of a person saying or doing something they did not actually say or do, often used for deceptive or malicious purposes
43. full of em_____y *n.* the ability to share another person's feelings or experiences by imagining that person's situation

ANSWERS: 35. unprecedented, 36. larva, 37. shell, 38. microscope, 39. insect, 40. biodiversity, 41. infrasonic, 42. deepfake, 43. empathy

44. 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
45. pe____ve a threat *v.* to become aware or conscious of something through the senses
46. financial cr____s *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
47. effects of cl____e change *n.* the weather in a particular location averaged over some long period
48. fr____er disputes *n.* a border that separates two countries, or the area near this line
49. cross-co____n marriage *n.* the child of your aunt or uncle
50. coo____te a special project *v.* to bring the different parts of the activity and the people into an organized, ordered, or efficient relationship; (adjective) of equal importance, rank, or degree
51. tracking de____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
52. a cold cl____e *n.* the weather in a particular location averaged over some long period
53. la____pe painting *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

ANSWERS: 44. beam, 45. perceive, 46. crisis, 47. climate, 48. frontier, 49. cousin, 50. coordinate, 51. device, 52. climate, 53. landscape

54. de___t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
55. ma_____e amounts *adj.* enormous amount; very heavy and solid
56. bird's n__t *n.* a structure in which animals lay their eggs or give birth to their young
57. cr__y about cars and racing *adj.* stupid or not sensible; very angry
58. cr_____re of habit *n.* a living being, especially an animal
59. love tr_____le *n.* a three-sided polygon with three angles; something that has three sides or parts
60. brink of ext_____on *n.* the complete disappearance of a species from the earth
61. unt_____ed from reality *adj.* not tied or secured to anything; free to move or roam without restriction or confinement
62. high levels of air po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
63. give si___t consent *adj.* without any or little sound
64. mindless ba___e *n.* the sound of many people speaking simultaneously; meaningless talk or speech
65. shoulder et_____l responsibility *adj.* of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
66. political et___s *n.* a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong

ANSWERS: 54. detect, 55. massive, 56. nest, 57. crazy, 58. creature, 59. triangle, 60. extinction, 61. untethered, 62. pollution, 63. silent, 64. babble, 65. ethical, 66. ethics

67. a fi___e animal *adj.* severe and violent in a way that is frightening
68. time z__e *n.* a specific area, region, or section that is marked off or defined in some way
69. the b__z of a cicada *v.* to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere
70. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
71. cr_____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
72. minority di_____t *n.* a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics
73. ig___e a ban *v.* to intentionally not listen or pay attention to
74. b__z marketing *v.* to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere
75. for spe_____lly American customers *adv.* only associated with or meant for one thing
76. ha_____n the giant octopus *n.* a spear-like weapon used for fishing or hunting sea creatures such as whales or sharks; a sharp tool used for piercing or impaling something; (verb) to hunt or capture a fish or other sea creature using a spear-like instrument called a harpoon

ANSWERS: 67. fierce, 68. zone, 69. buzz, 70. communal, 71. creative, 72. dialect, 73. ignore, 74. buzz, 75. specifically, 76. harpoon

77. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
78. co___y goods by truck *v.* to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another
79. cognitive li_____st *n.* a person who speaks several foreign languages; a person who studies or teaches languages or linguistics
80. an egg sh__l *n.* hard outer covering or case of eggs, nuts, some seeds, and some animals
81. racial or___n *n.* the first existence or beginning of something
82. ac_____ic guitar *adj.* relating to sound or the sense of hearing
83. a peaceful la_____pe *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
84. en___e information *v.* to convert information into a code or format suitable for storage or transmission
85. a circular mo_____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
86. ha__h a plan *v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage

ANSWERS: 77. emit, 78. convey, 79. linguist, 80. shell, 81. origin, 82. acoustic, 83. landscape, 84. encode, 85. movement, 86. hatch

87. foreign li____st *n.* a person who speaks several foreign languages; a person who studies or teaches languages or linguistics
88. sp__n in spring *v.* to lay eggs or to produce offspring; to cause something to develop
89. si___e in the pan *v.* to make a hissing or crackling sound, especially when something is cooking in a pan
90. mo_____r the data carefully *v.* to observe, check, and track the progress or quality of something over a period of time
91. specialize in ac_____cs *n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound
92. get ne_____s *adj.* worried and anxious about something; relating to the nerves
93. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
94. the mi___e of company money *n.* the act of using something in an unsuitable way or for the wrong purpose
95. opaque to X-r_ys *n.* a narrow line of light, heat, or another form of energy
96. ab_____n a friend *v.* to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity
97. don't cr__k on this festive occasion *v.* to make a hoarse sound, like a raven or frog; to make complaining remarks or noises under one's breath

ANSWERS: 87. linguist, 88. spawn, 89. sizzle, 90. monitor, 91. acoustics, 92. nervous, 93. complexity, 94. misuse, 95. ray, 96. abandon, 97. croak

98. et___s of journalism *n.* a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong
99. sp__n a new concept *v.* to lay eggs or to produce offspring; to cause something to develop
100. an ear_____ke zone *n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface
101. the im_____te past *adj.* happening or done without delay or occurring shortly after something else
102. a traffic j_m *n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit
103. pr_____al English *adj.* of or connected with actual use or real situation rather than with theory and ideas
104. ro__n eggs *n.* a small bird from the thrush family, typically having a red breast and found across Europe, Asia, and North America
105. de___e a message *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
106. pi___p and delivery service *n.* a type of vehicle with an open-air cargo bed at the back used for transporting goods or equipment; the act of collecting or gathering someone or something from a particular location; a warrant to take someone into custody

ANSWERS: 98. ethics, 99. spawn, 100. earthquake, 101. immediate, 102. jam, 103. practical, 104. robin, 105. decode, 106. pickup

107. hu____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
108. buck and d_e *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
109. end_____ed species *adj.* at risk of extinction because it is facing significant threats
110. man_____te figures *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
111. At_____ic breeze *adj.* relating to or located near the Atlantic Ocean, which is the second-largest ocean on Earth, located between the continents of North and South America to the west and Europe and Africa to the east
112. a private ind_____al *n.* a single person or thing, as distinct from a group
113. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
114. online dic_____ry *n.* a reference book containing an alphabetical list of words and their definitions, as well as information about their origins, usage, and pronunciation
115. tr___c love stories *adj.* causing great sadness or suffering; very unfortunate
116. 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

ANSWERS: 107. humming, 108. doe, 109. endangered, 110. manipulate, 111. Atlantic, 112. individual, 113. emit, 114. dictionary, 115. tragic, 116. universe

117. mi_____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
118. 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
119. ce_____te his election *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
120. op___s technology *n.* the academic study of vision and light
121. p__r review *n.* a person who has the same age, status, or ability
122. unt_____ed phone *adj.* not tied or secured to anything; free to move or roam without restriction or confinement
123. d_t blot method *n.* a very small circular mark, especially one that is printed
124. At_____ic salmon *adj.* relating to or located near the Atlantic Ocean, which is the second-largest ocean on Earth, located between the continents of North and South America to the west and Europe and Africa to the east
125. ea_____op conversation *v.* to listen to someone else's conversation without their knowledge or permission
126. a selfish de_____on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options

ANSWERS: 117. microbe, 118. beam, 119. celebrate, 120. optics, 121. peer, 122. untethered, 123. dot, 124. Atlantic, 125. eavesdrop, 126. decision

127. an ear_____ke-proof *n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface
128. mil_____um bottle of wine *n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)
129. v__y according to the age *v.* to become different in terms of size, shape, etc.
130. volcanic v__t *n.* a small opening to escape or release gas, air, liquid, etc.; activity or process that frees or expresses strong creative energy or emotion
131. a se_____c center *adj.* relating to or caused by an earthquake or earth vibration
132. di_____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
133. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
134. b_t cave *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
135. ha_____n fishing *n.* a spear-like weapon used for fishing or hunting sea creatures such as whales or sharks; a sharp tool used for piercing or impaling something; (verb) to hunt or capture a fish or other sea creature using a spear-like instrument called a harpoon

ANSWERS: 127. earthquake, 128. millennium, 129. vary, 130. vent, 131. seismic, 132. digital, 133. discovery, 134. bat, 135. harpoon

136. health ep____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
137. without in____y *n.* harm done to a person's or an animal's body caused by an accident or an attack
138. electronic de____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
139. v__t desert *adj.* enormous in size, number, amount, or quantity
140. a be____e larva *n.* an insect having a hard shell-like back covering its wings
141. m__h attracted to the light *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
142. do____de of globalization *n.* the negative aspects or consequences of something; the potential for loss or failure
143. sou____pe music *n.* the overall sound environment of a particular area or place
144. apply AI technology to art *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

ANSWERS: 136. epidemic, 137. injury, 138. device, 139. vast, 140. beetle, 141. moth, 142. downside, 143. soundscape, 144. AI

145. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another
146. tr_____te a document into English *v.* to convert or change words into another language
147. l__e change *n.* a narrow road in the countryside; a well-defined track or path for someone such as a swimmer or driver
148. a worldwide ep_____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
149. ro__n's nest *n.* a small bird from the thrush family, typically having a red breast and found across Europe, Asia, and North America
150. male pe_____k *n.* a large, colorful, and majestic bird of the pheasant family
151. acute em_____cy *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
152. cast ast_____ed eyes *adj.* extremely surprised and upset
153. the ac_____cy of his compass *n.* the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake
154. major do_____de *n.* the negative aspects or consequences of something; the potential for loss or failure
155. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things

ANSWERS: 145. relation, 146. translate, 147. lane, 148. epidemic, 149. robin, 150. peacock, 151. emergency, 152. astonished, 153. accuracy, 154. downside, 155. biology

156. transcribe me_____c patterns *adj.* having a pleasant or harmonious sound, especially in relation to music
157. vulnerable to man_____te *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
158. ad_____se on social media *v.* to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it
159. unp_____ted business opportunity *adj.* never having been seen, done, or known before
160. an icy bl__t *n.* explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
161. t__t horn *v.* to emit a short, high-pitched sound, often from a horn or whistle; to play a brief, typically loud, note on a musical instrument
162. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
163. crackdown on po_____rs *n.* a person who catches and kills birds, animals, or fish illegally
164. effect of cosmic r_ys *n.* a narrow line of light, heat, or another form of energy
165. ha__h a baby chick *v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage

ANSWERS: 156. melodic, 157. manipulate, 158. advertise, 159. unprecedented, 160. blast, 161. toot, 162. environment, 163. poacher, 164. ray, 165. hatch

166. sp_____te about the reason *v.* to form a theory or conjecture or guess about a subject without solid evidence
167. sa___n fishery *n.* a type of fish that is commonly found in the North Atlantic and North Pacific oceans
168. ig___e her advice *v.* to intentionally not listen or pay attention to
169. development of the ne____s system *adj.* worried and anxious about something; relating to the nerves
170. industry-sp____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
171. mean no dis_____ct *n.* an expression of lack of regard or contempt for someone or something
172. start to cr__k *v.* to make a hoarse sound, like a raven or frog; to make complaining remarks or noises under one's breath
173. ult_____nd meter *n.* higher frequency sound than humans can hear
174. se_____ve documents *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
175. the il_____on of being in the forest *n.* a false idea or belief, especially about somebody or about a situation
176. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
177. b_t an eye *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis

ANSWERS: 166. speculate, 167. salmon, 168. ignore, 169. nervous, 170. specific, 171. disrespect, 172. croak, 173. ultrasound, 174. sensitive, 175. illusion, 176. incredibly, 177. bat

178. dis_____ct for a customer *n.* an expression of lack of regard or contempt for someone or something
179. gu_____il installation *n.* a sturdy metal or wooden railing or barrier placed beside a road, bridge, or other dangerous areas to prevent vehicles or people from going over the edge; a protective barrier or railing used to prevent falls or accidents
180. first l___e *n.* a narrow road in the countryside; a well-defined track or path for someone such as a swimmer or driver
181. tr_____te the emotion to a movement *v.* to convert or change words into another language
182. the ca_____n of an opposing team *n.* the leader of a group of people, especially who is in charge of a ship or aircraft
183. protection against vi_____on *n.* a continuous quick and slight shaking movement
184. 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
185. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
186. be___e brows *n.* an insect having a hard shell-like back covering its wings
187. s___ls retentive of moisture *n.* the top layer of Earth in which plants grow
188. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing

ANSWERS: 178. disrespect, 179. guardrail, 180. lane, 181. translate, 182. captain, 183. vibration, 184. gaze, 185. biology, 186. beetle, 187. soil, 188. invention

189. di_____y artwork *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
190. fo____r a better relationship *v.* to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
191. sympathetic vi_____on *n.* a continuous quick and slight shaking movement
192. a suspected po_____r *n.* a person who catches and kills birds, animals, or fish illegally
193. field of artificial int_____nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
194. vi____l navigation *adj.* relating to seeing or sight
195. ad_____se the campaign *v.* to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it
196. Bornean ta_____r *n.* a small primate that belongs to the family Tarsiidae found primarily in Southeast Asia, including the Philippines, Borneo, and Sumatra
197. lo____e a tumor *v.* to specify or determine the exact position of someone or something
198. tr____c death *adj.* causing great sadness or suffering; very unfortunate
199. tr_____rm heat into power *v.* to change in outward structure or looks;

ANSWERS: 189. display, 190. foster, 191. vibration, 192. poacher, 193. intelligence, 194. visual, 195. advertise, 196. tarsier, 197. locate, 198. tragic, 199. transform

200. the hydrology of a wa_____ed *n.* an area of land that separates rivers that flow to different seas or drainage basins
201. loss of bio_____ity *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
202. des_____ly anxious *adv.* in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency
203. become p__y to terrorists *n.* the object of a hunt; an animal hunted or trapped for eating
204. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
205. mo_____r an exam *v.* to observe, check, and track the progress or quality of something over a period of time
206. as proud as a pe_____k *n.* a large, colorful, and majestic bird of the pheasant family
207. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
208. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
209. the ex____t of the damage *n.* the point or degree or area to which something extends
210. des_____ly ill patient *adv.* in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency

ANSWERS: 200. watershed, 201. biodiversity, 202. desperately, 203. prey, 204. discovery, 205. monitor, 206. peacock, 207. survive, 208. incredibly, 209. extent, 210. desperately

211. en___e a new employee *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
212. com_____te his anxieties to the psychiatrist *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
213. vo_____o alert level *n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.
214. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
215. de___e topic *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
216. ca_____n of industry *n.* the leader of a group of people, especially who is in charge of a ship or aircraft
217. se_____c activities *adj.* relating to or caused by an earthquake or earth vibration
218. at___e to nature *v.* to make receptive or aware; to bring into harmony or alignment
219. or___n of information *n.* the first existence or beginning of something

ANSWERS: 211. engage, 212. communicate, 213. volcano, 214. environment, 215. debate, 216. captain, 217. seismic, 218. attune, 219. origin

220. aggressive ho_____ee *n.* a type of bee that is known for producing honey and pollinating flowers
221. electron mic_____pe *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
222. gain pr_____al experience *adj.* of or connected with actual use or real situation rather than with theory and ideas
223. a n__t of thieves *n.* a structure in which animals lay their eggs or give birth to their young
224. ult_____nd scan *n.* higher frequency sound than humans can hear
225. hu_____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
226. tec_____cal advancement *adj.* based on scientific and industrial progress
227. int_____ies communication *adj.* occurring between or involving different species; pertaining to interactions between different species
228. bat ech_____ion *n.* the use of reflected sound waves to locate objects, particularly by dolphins and bats.
229. a h__e of activity *n.* a structure for the reception and habitation of bees, either built by people or made by the bees themselves; a place swarming people
230. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
231. honeybees in h__es *n.* a structure for the reception and habitation of bees, either built by people or made by the bees themselves; a place swarming people

ANSWERS: 220. honeybee, 221. microscope, 222. practical, 223. nest, 224. ultrasound, 225. humming, 226. technological, 227. interspecies, 228. echolocation, 229. hive, 230. communal, 231. hive

232. optical il____on *n.* a false idea or belief, especially about somebody or about a situation
233. tr_____rm an education system *v.* to change in outward structure or looks;
234. a benefit co____t *n.* a musical performance given in public by one or more players or singers
235. the p__k current in the circuit *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
236. ho_____ee colony *n.* a type of bee that is known for producing honey and pollinating flowers
237. ac____ic properties of a hall *adj.* relating to sound or the sense of hearing
238. connecting the d_ts *n.* a very small circular mark, especially one that is printed
239. a binocular te_____pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
240. exploration of co____s *n.* another name for the universe, mainly used when it is thought of as an ordered system
241. field of vi____l arts *adj.* relating to seeing or sight
242. d_e rabbit *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
243. the engineer of ac_____cs *n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound

ANSWERS: 232. illusion, 233. transform, 234. concert, 235. peak, 236. honeybee, 237. acoustic, 238. dot, 239. telescope, 240. cosmos, 241. visual, 242. doe, 243. acoustics

244. fi___e competition *adj.* severe and violent in a way that is frightening
245. pro_____ly insightful *adv.* to a great or complete degree; deeply
246. so__d ally *adj.* hard or firm; characterized by good substantial quality
247. damaged gu_____il *n.* a sturdy metal or wooden railing or barrier placed beside a road, bridge, or other dangerous areas to prevent vehicles or people from going over the edge; a protective barrier or railing used to prevent falls or accidents
248. mistaken id_____ty *n.* the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another
249. int_____ies interaction *adj.* occurring between or involving different species; pertaining to interactions between different species
250. la___h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
251. production of sp__m *n.* the reproductive cell produced by a man or male animal
252. variety of ma___e life *adj.* relating to the sea and the creatures and plants that live there
253. man with a low sp__m count *n.* the reproductive cell produced by a man or male animal

ANSWERS: 244. fierce, 245. profoundly, 246. solid, 247. guardrail, 248. identity, 249. interspecies, 250. launch, 251. sperm, 252. marine, 253. sperm

254. ta____r habitat *n.* a small primate that belongs to the family Tarsiidae found primarily in Southeast Asia, including the Philippines, Borneo, and Sumatra
255. em____y for patients *n.* the ability to share another person's feelings or experiences by imagining that person's situation
256. sp_____te on the outcome *v.* to form a theory or conjecture or guess about a subject without solid evidence
257. an et____l doctrine *adj.* of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
258. cr____s management *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
259. pi____p truck *n.* a type of vehicle with an open-air cargo bed at the back used for transporting goods or equipment; the act of collecting or gathering someone or something from a particular location; a warrant to take someone into custody
260. do__e a question *v.* to move quickly and suddenly to avoid something; to evade or sidestep
261. origin of the co____s *n.* another name for the universe, mainly used when it is thought of as an ordered system
262. AI expert *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

ANSWERS: 254. tarsier, 255. empathy, 256. speculate, 257. ethical, 258. crisis, 259. pickup, 260. dodge, 261. cosmos, 262. AI

263. id____ty as an individual *n.* the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another
264. designed spe_____lly for men *adv.* only associated with or meant for one thing
265. a moth la__a *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
266. he_____ss victims *adj.* unable to take care of oneself or to do things without help
267. dic_____ry definition *n.* a reference book containing an alphabetical list of words and their definitions, as well as information about their origins, usage, and pronunciation
268. certain ex____t *n.* the point or degree or area to which something extends
269. an int_____nce test *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
270. environmental po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
271. pr_____e sanctuary *n.* any mammal of the order Primates, which includes monkeys, apes, and humans
272. ultrasound for ech_____ion *n.* the use of reflected sound waves to locate objects, particularly by dolphins and bats.

ANSWERS: 263. identity, 264. specifically, 265. larva, 266. helpless, 267. dictionary, 268. extent, 269. intelligence, 270. pollution, 271. primate, 272. echolocation

273. tranquil sou_____pe *n.* the overall sound environment of a particular area or place
274. lawn da__y *n.* a wildflower that typically has a yellow disc at the center of a white or pink-and-white flowerhead
275. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
276. barren of cr_____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
277. artificial cr_____re *n.* a living being, especially an animal
278. hyd_____mal chemistry *adj.* relating to hot water or steam, especially in the Earth's crust, and the thermal energy and chemical reactions that occur as a result
279. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
280. en___e in environmental protection activities *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
281. co___n's family *n.* the child of your aunt or uncle
282. do__e a blow *v.* to move quickly and suddenly to avoid something; to evade or sidestep
283. re_____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another

ANSWERS: 273. soundscape, 274. daisy, 275. mass, 276. creative, 277. creature, 278. hydrothermal, 279. decision, 280. engage, 281. cousin, 282. dodge, 283. relation

284. m__h larva *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
285. ind_____al freedom *n.* a single person or thing, as distinct from a group
286. inf_____ic electronic waves *adj.* relating to sound waves below the range of human hearing, typically below 20 Hz
287. degree of ac_____cy *n.* the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake
288. en___e data *v.* to convert information into a code or format suitable for storage or transmission
289. the at_____t to rescue the hostages *n.* an act or effort of trying to do something, especially something difficult
290. em_____cy action *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
291. so__d employment measures *adj.* hard or firm; characterized by good substantial quality
292. at___e myself to the rhythm *v.* to make receptive or aware; to bring into harmony or alignment
293. wh__e watching *n.* a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities
294. bombs fell at ra___m *adj.* made, done, or happening without method, conscious decision, or any regular pattern

ANSWERS: 284. moth, 285. individual, 286. infrasonic, 287. accuracy, 288. encode, 289. attempt, 290. emergency, 291. solid, 292. attune, 293. whale, 294. random

295. sp_____l ability *adj.* of or relating space and the position, area, and size of things
296. a ra____m choice *adj.* made, done, or happening without method, conscious decision, or any regular pattern
297. th_____y for a patient *n.* the act of caring for someone through medication, remedial training, etc.
298. di_____ar without a trace *v.* to cease to exist or be visible
299. a di_____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
300. co____y a complex idea *v.* to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another
301. he_____ss baby *adj.* unable to take care of oneself or to do things without help
302. a bull wh__e *n.* a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities
303. baby with se_____ve skin *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
304. al_____hm for image processing *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

ANSWERS: 295. spatial, 296. random, 297. therapy, 298. disappear, 299. digital, 300. convey, 301. helpless, 302. whale, 303. sensitive, 304. algorithm

305. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
306. 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
307. h__t after knowledge *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
308. sleep pro_____ly *adv.* to a great or complete degree; deeply
309. fo___r two kids *v.* to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
310. the ba___e of a crowd *n.* the sound of many people speaking simultaneously; meaningless talk or speech
311. a bl__t of wind *n.* explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
312. t__t a trumpet *v.* to emit a short, high-pitched sound, often from a horn or whistle; to play a brief, typically loud, note on a musical instrument
313. wa_____ed conservation *n.* an area of land that separates rivers that flow to different seas or drainage basins
314. tr_____le shape *n.* a three-sided polygon with three angles; something that has three sides or parts

ANSWERS: 305. planet, 306. universe, 307. hunt, 308. profoundly, 309. foster, 310. babble, 311. blast, 312. toot, 313. watershed, 314. triangle

315. the Italian fr_____er with Switzerland *n.* a border that separates two countries, or the area near this line
316. a man of ex_____te sensitivity *adj.* extremely beautiful and delicate
317. tec_____cal policy *adj.* based on scientific and industrial progress
318. a coo_____te clause *v.* to bring the different parts of the activity and the people into an organized, ordered, or efficient relationship; (adjective) of equal importance, rank, or degree
319. in____t antenna *n.* any small creature that has six legs and a body divided into three sections
320. vo_____ss minority *adj.* without a voice or the ability to speak
321. active vo_____o *n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.
322. su_____e a plane crash *v.* to live or exist despite a dangerous event or period
323. ext_____on prevention *n.* the complete disappearance of a species from the earth
324. me_____c scale *adj.* having a pleasant or harmonious sound, especially in relation to music
325. pr_____e species *n.* any mammal of the order Primates, which includes monkeys, apes, and humans
326. have a co_____t again *n.* a musical performance given in public by one or more players or singers

ANSWERS: 315. frontier, 316. exquisite, 317. technological, 318. coordinate, 319. insect, 320. voiceless, 321. volcano, 322. survive, 323. extinction, 324. melodic, 325. primate, 326. concert

327. di_____ar after a week *v.* to cease to exist or be visible
328. barrier r__f *n.* a long chain or range of rocks or sand near the ocean's surface
329. de_____ke technology *n.* a manipulated video or audio recording that uses advanced computer technology to create a realistic portrayal of a person saying or doing something they did not actually say or do, often used for deceptive or malicious purposes
330. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
331. yearn for the de____t living *adj.* satisfactory, acceptable, or good in a general sense
332. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
333. la____h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
334. r__r for more *v.* to make a loud, deep sound, like a lion or a car engine
335. o__a habitat *n.* a species of large marine mammal, also known as the killer whale, found in Arctic and temperate waters worldwide, known for their intelligence, social behavior, and hunting prowess

ANSWERS: 327. disappear, 328. reef, 329. deepfake, 330. planet, 331. decent, 332. specific, 333. launch, 334. roar, 335. orca

336. a local di____t *n.* a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics
337. look through a te_____pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
338. si____t reading *adj.* without any or little sound
339. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
340. po__t the premise *v.* to suggest or accept something as fact or as a basis for argument or consideration
341. 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
342. field of gene th_____y *n.* the act of caring for someone through medication, remedial training, etc.
343. a de____t education *adj.* satisfactory, acceptable, or good in a general sense
344. a jar of j_m *n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit
345. take im_____te effect *adj.* happening or done without delay or occurring shortly after something else

ANSWERS: 336. dialect, 337. telescope, 338. silent, 339. mass, 340. posit, 341. gaze, 342. therapy, 343. decent, 344. jam, 345. immediate

346. ast_____ed at the success *adj.* extremely surprised and upset
347. h__t a job *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
348. low-r_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
349. ce_____te Christmas *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
350. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
351. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
352. st___e a blow *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
353. vo_____ss consonant *adj.* without a voice or the ability to speak
354. st___e up a conversation *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
355. de___e competition *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

ANSWERS: 346. astonished, 347. hunt, 348. rev, 349. celebrate, 350. locate, 351. detect, 352. strike, 353. voiceless, 354. strike, 355. debate

356. past mil_____um *n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)
357. da__y chain *n.* a wildflower that typically has a yellow disc at the center of a white or pink-and-white flowerhead
358. di_____y merchandise *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
359. r__r with laughter *v.* to make a loud, deep sound, like a lion or a car engine
360. ab_____n the practice *v.* to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity
361. a huge pod of o__as *n.* a species of large marine mammal, also known as the killer whale, found in Arctic and temperate waters worldwide, known for their intelligence, social behavior, and hunting prowess
362. deh_____ed skin *adj.* to remove the water or moisture from something by a natural or artificial process
363. p__r group *n.* a person who has the same age, status, or ability
364. coral r__fs *n.* a long chain or range of rocks or sand near the ocean's surface
365. hyd_____mal vents *adj.* relating to hot water or steam, especially in the Earth's crust, and the thermal energy and chemical reactions that occur as a result

ANSWERS: 356. millennium, 357. daisy, 358. display, 359. roar, 360. abandon, 361. orca, 362. dehydrated, 363. peer, 364. reef, 365. hydrothermal

366. ma___e insurance *adj.* relating to the sea and the creatures and plants that live there
367. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
368. the RSA al_____hm *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

ANSWERS: 366. marine, 367. invention, 368. algorithm

Session 3: Fill in the Blanks

1. The _____ of the city was a symphony of car horns and chatter.
n. the overall sound environment of a particular area or place
2. I feel so _____ without you.
adj. unable to take care of oneself or to do things without help
3. Necessity is the mother of _____.
n. the creation of a new device or process resulting from study and experimentation; the act of inventing
4. This ad campaign is aimed _____ at young women.
adv. only associated with or meant for one thing
5. This facility has the largest astronomical _____ in the country.
n. a device like a tube in shape containing lenses used to magnify and observe distant objects
6. The president declared a state of _____.
n. a sudden unforeseen crisis usually involving danger that requires immediate action
7. All the supervisor has to do is assign tasks that make his subordinates more _____.
adj. relating to or involving the use of skill and original and unusual ideas to create something
8. The baby clung _____ to her mother.
adv. in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency

ANSWERS: 1. soundscape, 2. helpless, 3. invention, 4. specifically, 5. telescope, 6. emergency, 7. creative, 8. desperately

9. The _____ shattered the laboratory equipment.
n. explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
10. He earned a _____ salary at his job.
adj. satisfactory, acceptable, or good in a general sense
11. My accidental _____ got better right away.
n. harm done to a person's or an animal's body caused by an accident or an attack
12. Einstein's new _____ theory transformed traditional scientific notions about light.
n. the academic study of vision and light
13. This artist always packs the _____ halls.
n. a musical performance given in public by one or more players or singers
14. The _____ of the dancers on stage was graceful and elegant.
n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
15. There are various hypotheses concerning the _____ of life.
n. the first existence or beginning of something
16. Both forts were subject to _____ attacks.
adj. happening or done without delay or occurring shortly after something else

ANSWERS: 9. blast, 10. decent, 11. injury, 12. optics, 13. concert, 14. movement, 15. origin, 16. immediate

17. The _____ of the dinosaurs is thought to have been caused by an asteroid impact.
- n.* the complete disappearance of a species from the earth
18. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
19. 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
20. Earthquakes produce two types of _____ waves.
- adj.* relating to or caused by an earthquake or earth vibration
21. _____ and weather have an impact on every part of our lifestyles.
- n.* the weather in a particular location averaged over some long period
22. They watched the train _____ into the distance.
- v.* to cease to exist or be visible
23. To assure _____ I recommend investing in high-quality test kits.
- n.* the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake
24. A _____ audience viewed the broadcast.
- adj.* enormous in size, number, amount, or quantity
25. We _____ to achieve more wages and safer working conditions.
- v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon

ANSWERS: 17. extinction, 18. discovery, 19. beam, 20. seismic, 21. Climate, 22. disappear, 23. accuracy, 24. vast, 25. strike

26. It is important to _____ yourself to your customers' needs to provide the best service possible.
- v. to make receptive or aware; to bring into harmony or alignment
27. During the unloading, the container box _____ a clicking sound.
- v. to give off or send out something such as light, heat, sound, gas, etc.
28. The Pythagorean theorem is used to calculate the length of the sides of a right _____.
- n. a three-sided polygon with three angles; something that has three sides or parts
29. We want to _____ a schedule for the investigation.
- v. to bring the different parts of the activity and the people into an organized, ordered, or efficient relationship; (adjective) of equal importance, rank, or degree
30. He _____ the 10th anniversary of his tenure.
- v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
31. We need to _____ our products in an attractive way to attract customers.
- v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
32. The building makes a remarkable _____ impact.
- adj. relating to seeing or sight
33. The pastor contributed to _____ the sense of a community embracing all classes.
- v. to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents

ANSWERS: 26. attune, 27. emits, 28. triangle, 29. coordinate, 30. celebrated, 31. display, 32. visual, 33. fostering

34. The violent _____ caused widespread damage and injuries throughout the region.
- n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface
35. She was struggling to make a _____ between two job offers.
- n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
36. His _____ behavior towards his elders earned him a stern warning from his parents.
- n.* an expression of lack of regard or contempt for someone or something
37. The whaling industry declined as countries began to ban the use of _____
- n.* a spear-like weapon used for fishing or hunting sea creatures such as whales or sharks; a sharp tool used for piercing or impaling something; (verb) to hunt or capture a fish or other sea creature using a spear-like instrument called a harpoon
38. An ironic remark often _____ an intended meaning obliquely.
- v.* to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another
39. He could no longer tell the difference between _____ and reality.
- n.* a false idea or belief, especially about somebody or about a situation
40. Gamma _____ penetrate body tissues and cause cell damage.
- n.* a narrow line of light, heat, or another form of energy
41. The outermost electron _____ determines the chemical properties of an atom.
- n.* hard outer covering or case of eggs, nuts, some seeds, and some animals

ANSWERS: 34. earthquake, 35. decision, 36. disrespectful, 37. harpoons, 38. conveys, 39. illusion, 40. rays, 41. shell

42. We can evaluate the performance of an _____ in terms of computation time.
- n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
43. _____ thrive on the surface of the human skin.
- n.* a tiny living thing that can only be seen with a microscope and that may cause disease
44. The _____ spoken in the region differed from other parts of the country.
- n.* a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics
45. The majority of snakes swallow their _____ whole.
- n.* the object of a hunt; an animal hunted or trapped for eating
46. _____ the text from Italian into English.
- v.* to convert or change words into another language
47. The evolution of processors has dramatically improved the performance of ____.
- n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
48. Maximum heart rates _____ a lot for each individual.
- v.* to become different in terms of size, shape, etc.
49. The salmon swims upstream to _____ in the place they were released.
- v.* to lay eggs or to produce offspring; to cause something to develop

ANSWERS: 42. algorithm, 43. Microbes, 44. dialect, 45. prey, 46. Translate, 47. AI, 48. vary, 49. spawn

50. He was reluctant to leave his comfort _____ and try something new.
n. a specific area, region, or section that is marked off or defined in some way
51. An old _____ makes the best keeper.
n. a person who catches and kills birds, animals, or fish illegally
52. I used an optical _____ to observe the small organisms in the water sample.
n. an instrument used to see objects or substances that are too small to be seen with the naked eye
53. I need to purchase a new English _____.
n. a reference book containing an alphabetical list of words and their definitions, as well as information about their origins, usage, and pronunciation
54. In terms of _____ he was head and shoulders above his classmates.
n. the ability to learn, comprehend, or make judgments or conclusions based on reasons
55. _____ is also necessary to understand history.
n. the ability to share another person's feelings or experiences by imagining that person's situation
56. She was _____ by the news and could hardly believe it.
adj. extremely surprised and upset
57. The _____ ordered the troops to fire.
n. the leader of a group of people, especially who is in charge of a ship or aircraft

ANSWERS: 50. zone, 51. poacher, 52. microscope, 53. dictionary, 54. intelligence, 55. Empathy, 56. astonished, 57. captain

58. I need to drink more water because I'm feeling _____.

adj. to remove the water or moisture from something by a natural or artificial process

59. He suffers from _____ breakdowns.

adj. worried and anxious about something; relating to the nerves

60. The castle was _____ several years later.

v. to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity

61. The hot metal _____ as it hit the water, creating steam.

v. to make a hissing or crackling sound, especially when something is cooking in a pan

62. The _____ of the bees filled the air as she walked through the garden.

adj. producing a continuous, low, vibrating sound like that of the bee

63. Hydrogen and oxygen _____ to form water.

v. to join or merge to form a single thing or group

64. Our world is in the third _____.

n. a span of 1000 years, or the 1000th anniversary (plural: millennia)

65. The Chinese word for _____ comprises two characters, one for danger and the other for opportunity.

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

ANSWERS: 58. dehydrated, 59. nervous, 60. abandoned, 61. sizzled, 62. humming, 63. combine, 64. millennium, 65. crisis

66. The security camera has _____ four intruders.
v. to find or recognize something, especially something difficult to see, hear, etc.
67. These birds can only _____ in temperate climates.
v. to live or exist despite a dangerous event or period
68. I love listening to the cheerful song of the _____ in my garden.
n. a small bird from the thrush family, typically having a red breast and found across Europe, Asia, and North America
69. We should _____ several hypotheses to discuss the matter.
v. to suggest or accept something as fact or as a basis for argument or consideration
70. The female birds build a _____ and lay their eggs in May.
n. a structure in which animals lay their eggs or give birth to their young
71. The third _____ was far more successful.
n. an act or effort of trying to do something, especially something difficult
72. The _____ hurricane season runs from June to November each year.
adj. relating to or located near the Atlantic Ocean, which is the second-largest ocean on Earth, located between the continents of North and South America to the west and Europe and Africa to the east
73. She played a _____ piece on the piano.
adj. having a pleasant or harmonious sound, especially in relation to music
74. Mercury is the closest _____ to the sun.
n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 66. detected, 67. survive, 68. robin, 69. posit, 70. nest, 71. attempt, 72. Atlantic, 73. melodic, 74. planet

75. Many scientists study _____ behavior and intelligence.

- n.* any mammal of the order Primates, which includes monkeys, apes, and humans

76. My son plays with his toy trumpet and loves to _____ loudly.

- v.* to emit a short, high-pitched sound, often from a horn or whistle; to play a brief, typically loud, note on a musical instrument

77. The wallpaper had a pattern of pink _____ on a white surface.

- n.* a very small circular mark, especially one that is printed

78. The novel affected her _____ causing her to question her beliefs and values.

- adv.* to a great or complete degree; deeply

79. I used to play with my younger male _____ when I was a little girl.

- n.* the child of your aunt or uncle

80. I heard the _____ of conversation from the next room.

- v.* to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere

81. The island was formed by a _____ millions of years ago.

- n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.

82. The vessel ran aground on a _____.

- n.* a long chain or range of rocks or sand near the ocean's surface

ANSWERS: 75. primate, 76. toot, 77. dots, 78. profoundly, 79. cousins, 80. buzz, 81. volcano, 82. reef

83. The _____ of people who do not own property is politically impotent.
- n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
84. The butterfly emerged from its _____ stage.
- n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
85. I always carry a backup _____ in case my phone runs out of battery.
- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
86. _____ waves can be used for communication, such as in long-range submarines.
- adj.* relating to sound waves below the range of human hearing, typically below 20 Hz
87. _____ elections were held in several European countries.
- adj.* belonging to or used by a group rather than individuals; for common use
88. The lion _____ loudly, signaling its dominance over the other animals.
- v.* to make a loud, deep sound, like a lion or a car engine
89. He worked at the _____ of behavioral economics.
- n.* a border that separates two countries, or the area near this line
90. He stepped on the gas pedal, and the engine released a loud ____.
- n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

ANSWERS: 83. mass, 84. larva, 85. device, 86. Infrasonic, 87. Communal, 88. roared, 89. frontier, 90. rev

91. The rain and thunder are _____ today.

adj. stupid or not sensible; very angry

92. We can hear an _____ piano melody from his room.

adj. extremely beautiful and delicate

93. The sound of the _____ woke me up early in the morning.

n. a short, sharp sound that is made by birds or insects or by electronic devices such as alarms or beepers

94. This scripture provides the code of _____ for the religion.

n. a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong

95. The vibrant feathers of the _____ made it stand out in the garden.

n. a large, colorful, and majestic bird of the pheasant family

96. Hunters use a whistle that makes the _____ sound to lure stags.

n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

97. _____ advances have disrupted many industries.

adj. based on scientific and industrial progress

98. There are many cases of _____ cooperation in the animal kingdom.

adj. occurring between or involving different species; pertaining to interactions between different species

99. He gave _____ to his anger by playing the guitar.

n. a small opening to escape or release gas, air, liquid, etc.; activity or process that frees or expresses strong creative energy or emotion

ANSWERS: 91. crazy, 92. exquisite, 93. chirp, 94. ethics, 95. peacock, 96. doe, 97. Technological, 98. interspecies, 99. vent

100. The _____ sound of the drums was mesmerizing.

adj. having a pattern of regular beats or a regular beat; characterized by rhythm

101. The software can _____ and decode encrypted messages.

v. to convert information into a code or format suitable for storage or transmission

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

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

103. The _____ over climate change continues to be a hot topic in politics.

n. a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

104. The government has implemented policies to protect the habitat of _____ animals.

adj. at risk of extinction because it is facing significant threats

105. She picked a blue _____ from the meadow and placed it in her hair.

n. a wildflower that typically has a yellow disc at the center of a white or pink-and-white flowerhead

106. We walked along a muddy _____ to reach the farm.

n. a narrow road in the countryside; a well-defined track or path for someone such as a swimmer or driver

107. The bird flew _____ in the sky.

adj. not tied or secured to anything; free to move or roam without restriction or confinement

ANSWERS: 100. rhythmic, 101. encode, 102. beetle, 103. debate, 104. endangered, 105. daisy, 106. lane, 107. untethered

108. The industrial _____ laws were passed with little to no alteration.
n. the way two persons or groups of people feel and act toward one another
109. We want to _____ our company through your media.
v. to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it
110. Sensors convert physical phenomena into _____ signals.
adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
111. I'll be waiting for you in front of the café at 6 PM, so be on time for our _____.
n. a type of vehicle with an open-air cargo bed at the back used for transporting goods or equipment; the act of collecting or gathering someone or something from a particular location; a warrant to take someone into custody
112. Several cities are experiencing _____ high unemployment rates.
adv. in a way that is very difficult to believe; exceedingly or extremely
113. The president must have the highest _____ standards.
adj. of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
114. This measurement aims to reduce traffic at _____ periods.
n. the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
115. The male _____ fertilizes the female egg.
n. the reproductive cell produced by a man or male animal

ANSWERS: 108. relations, 109. advertise, 110. digital, 111. pickup, 112. incredibly, 113. ethical, 114. peak, 115. sperm

116. Please tell me how to _____ this computer.

- v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way

117. Recent electoral shocks have shaken the political _____ in Europe.

- n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

118. Grilled _____ is a popular dish at summer barbecues.

- n.* a type of fish that is commonly found in the North Atlantic and North Pacific oceans

119. Many multinational companies are _____ in the reconstruction of that country.

- v.* to attract and keep someone's attention and interest; to participate in or obtain services of something

120. The _____ hive is organized into a caste system, with a queen, drones, and workers.

- n.* a type of bee that is known for producing honey and pollinating flowers

121. Dolphins use sound to _____ with each other.

- v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals

122. 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

123. The _____ of the new policy was that it would be more expensive for customers.

- n.* the negative aspects or consequences of something; the potential for loss or failure

ANSWERS: 116. manipulate, 117. landscape, 118. salmon, 119. engaged, 120. honeybee, 121. communicate, 122. cosmos, 123. downside

124. _____ management strategies aim to reduce pollution and protect water resources.

n. an area of land that separates rivers that flow to different seas or drainage basins

125. The terrorist's _____ remains unknown.

n. the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another

126. An _____ scan showed that the baby was a girl.

n. higher frequency sound than humans can hear

127. They used a special receiver to _____ police radio channels.

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

128. I accidentally _____ on a confidential meeting last week.

v. to listen to someone else's conversation without their knowledge or permission

129. These _____ are more prevalent above a certain latitude.

n. any small creature that has six legs and a body divided into three sections

130. The company is set to _____ its new product line next month.

v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

131. The politician remained _____ despite intense media scrutiny.

adj. without any or little sound

ANSWERS: 124. Watershed, 125. identity, 126. ultrasound, 127. monitor, 128. eavesdropped, 129. insects, 130. launch, 131. silent

132. Bees were buzzing around the _____

n. a structure for the reception and habitation of bees, either built by people or made by the bees themselves; a place swarming people

133. Her concept is highly _____ and helpful.

adj. of or connected with actual use or real situation rather than with theory and ideas

134. The _____ events of the war left many families torn apart.

adj. causing great sadness or suffering; very unfortunate

135. The disease is now reaching _____ proportions in our country.

n. the widespread outbreak of a particular disease in a large number of people at the same time

136. In junior high school, we had to dissect a frog in _____ class.

n. the scientific study of life and the natural processes of living things

137. The scientist conducted a study that provided _____ details about the species' behavior.

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

138. To find drunk drivers, police conduct _____ tests.

adj. made, done, or happening without method, conscious decision, or any regular pattern

139. I was amazed at the _____ of her generosity.

n. the point or degree or area to which something extends

ANSWERS: 132. hive, 133. practical, 134. tragic, 135. epidemic, 136. biology, 137. specific, 138. random, 139. extent

140. Australia is widely _____ as having low levels of corruption.
v. to become aware or conscious of something through the senses
141. The use of _____ in political campaigns is a growing concern.
n. a manipulated video or audio recording that uses advanced computer technology to create a realistic portrayal of a person saying or doing something they did not actually say or do, often used for deceptive or malicious purposes
142. Seals and whales are _____ animals beloved by the people.
adj. relating to the sea and the creatures and plants that live there
143. Since independence, the area has been completely _____.
v. to intentionally not listen or pay attention to
144. He carefully determined the _____ relations of every piece of the stage set.
adj. of or relating space and the position, area, and size of things
145. The robot can accurately _____ construction material.
v. to specify or determine the exact position of someone or something
146. 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
147. The _____ whale is also known as the killer whale.
n. a species of large marine mammal, also known as the killer whale, found in Arctic and temperate waters worldwide, known for their intelligence, social behavior, and hunting prowess

ANSWERS: 140. perceived, 141. deepfakes, 142. marine, 143. ignored, 144. spatial, 145. locate, 146. universe, 147. orca

148. The shredder in the print room often has paper _____.

- n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit

149. Because of her severe cold, she could only _____.

- v.* to make a hoarse sound, like a raven or frog; to make complaining remarks or noises under one's breath

150. _____ displaced part of the mechanism.

- n.* a continuous quick and slight shaking movement

151. He _____ that this investment would lead to success.

- v.* to form a theory or conjecture or guess about a subject without solid evidence

152. _____ moisture is another significant component controlling soil respiration.

- n.* the top layer of Earth in which plants grow

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

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

154. The deep sea _____ was unlike anything the scientists had ever seen before.

- n.* a living being, especially an animal

155. Some countries have a culture of eating the flesh of a _____.

- n.* a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities

ANSWERS: 148. jams, 149. croak, 150. Vibration, 151. speculated, 152. Soil, 153. biodiversity, 154. creature, 155. whale

156. 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
157. Though I love literature, I'm a bad _____.
- n.* a person who speaks several foreign languages; a person who studies or teaches languages or linguistics
158. Among young people, _____ pressure can be pretty influential.
- n.* a person who has the same age, status, or ability
159. 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
160. The cave was a habitat for _____.
- n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
161. The _____ is a serious threat to the farm's output.
- n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
162. The software could _____ the encrypted data and reveal the hidden information.
- v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
163. She had to _____ the oncoming traffic to cross the busy street safely.
- v.* to move quickly and suddenly to avoid something; to evade or sidestep

ANSWERS: 156. environment, 157. linguist, 158. peer, 159. gazed, 160. bats, 161. moth, 162. decode, 163. dodge

164. Hounds _____ their prey by using their keen scent.

v. to go after and try to catch wild animals to kill them for food, sport, or profit

165. The physicist specializes in _____.

n. a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound

166. My father's death _____ my life completely.

v. to change in outward structure or looks;

167. The teacher is very _____ to children's feelings.

adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

168. As an _____ he had the right to make his own decisions and live his life as he saw fit.

n. a single person or thing, as distinct from a group

169. I underwent aversion _____ for my addiction to alcohol.

n. the act of caring for someone through medication, remedial training, etc.

170. The ground acts as an _____ barrier against outside sounds.

adj. relating to sound or the sense of hearing

171. The _____ activity in this area creates a unique environment for marine creatures.

adj. relating to hot water or steam, especially in the Earth's crust, and the thermal energy and chemical reactions that occur as a result

ANSWERS: 164. hunt, 165. acoustics, 166. transformed, 167. sensitive, 168. individual, 169. therapy, 170. acoustic, 171. hydrothermal

172. Drug _____ is associated with mental health disorders.

n. the act of using something in an unsuitable way or for the wrong purpose

173. The _____ unique adaptation allows it to rotate its head almost 180 degrees, giving it exceptional vision.

n. a small primate that belongs to the family Tarsiidae found primarily in Southeast Asia, including the Philippines, Borneo, and Sumatra

174. Dolphins use _____ for hunting fish.

n. the use of reflected sound waves to locate objects, particularly by dolphins and bats.

175. The _____ screams of the victims could be heard in the distance.

adj. without a voice or the ability to speak

176. _____ amounts of heckling and slogan-shouting took place throughout the event.

adj. never having been seen, done, or known before

177. The _____ along the highway prevents vehicles from going off the road's edge.

n. a sturdy metal or wooden railing or barrier placed beside a road, bridge, or other dangerous areas to prevent vehicles or people from going over the edge; a protective barrier or railing used to prevent falls or accidents

178. Please avoid using excessive jargon or too much technological _____.

n. the sound of many people speaking simultaneously; meaningless talk or speech

179. The _____ thunders echoed across the plain.

adj. severe and violent in a way that is frightening

ANSWERS: 172. misuse, 173. tarsier's, 174. echolocation, 175. voiceless, 176. Unprecedented, 177. guardrail, 178. babble, 179. fierce

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

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

181. The recent economic downturn has resulted in _____ layoffs.

adj. enormous amount; very heavy and solid

182. The eggs began to _____ and the small chicks emerged.

v. to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage

183. The _____ of water is called ice.

adj. hard or firm; characterized by good substantial quality

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

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

ANSWERS: 180. pollution, 181. massive, 182. hatch, 183. solid-state, 184. complexity