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Vocabulary Builder Reference from...

Diana Reiss, Peter Gabriel, Neil Gershenfeld and Vint Cerf: The interspecies internet? An idea in progress | TED Talk

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All Words

IMPORTANT

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Session 1: Word List

dolphin

n. a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid

synonym: porpoise, cetacean, marine mammal

(1) **dolphin** show, (2) **dolphin-watching** tour

The large group of **dolphins** swam gracefully in the ocean, jumping out of the water now and then.

spinning

n. the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn

synonym: whirling, rotating, spinning wheel

(1) **spinning** machine, (2) **spinning** wheel

She took a **spinning** class at the gym to improve her cardiovascular fitness.

awareness

n. the fact or state of knowing something exists and is important

synonym: understanding, cognition, knowledge

(1) **awareness** of my ignorance, (2) raise public **awareness**

There has been a gradual but steady rise in environmental

awareness.

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.

recognition

n. the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal

synonym: acknowledgement, identification, credit

(1) **recognition** award, (2) joint **recognition**

He was given **recognition** for his outstanding work in the field of medicine.

ape

n. a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons

synonym: monkey, primate, simian

(1) jungle **ape**, (2) play the **ape**

The scientist studied the behavior of **apes** in the wild.

relative

adj. considered and evaluated through comparison with something else

synonym: comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

lab

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

synonym: workshop, laboratory, research chamber

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

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

magpie

n. a bird with black and white plumage, native to Europe and Asia, known for its chattering, thieving, and hoarding tendencies; a person who collects or hoards various items, especially those that have little value or practical use to others

synonym: jay, chatterer, spouter

(1) chatter like a **magpie**, (2) **magpie** behavior

The **magpie's** nest is a fascinating structure made from twigs, grass, and other natural materials

embrace

v. to accept something willingly and enthusiastically;
(noun) the act of clasping another person in the arms as in greeting or affection

synonym: grasp, hold tightly, accept

(1) **embrace** an opportunity, (2) a warm **embrace**

The woods **embrace** the house.

continuity

n. the state or quality of being continuous, uninterrupted, or consistent; the maintenance of a connection, sequence, or pattern

synonym: coherence, uninterruptedness, perseverance

(1) **continuity** plan, (2) **continuity** of service

The sudden departure of the team leader disrupted the project's **continuity**.

evolution

n. a gradual process of transformation of living things

synonym: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

reticent

adj. disposed to be silent or uncommunicative; restrained or reluctant to speak; inclined to keep one's thoughts or feelings to oneself

synonym: reserved, quiet, introverted

(1) **reticent** nature, (2) **reticent** response

He was always **reticent** about his personal life and rarely shared any details with others.

recognize

v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

synonym : acknowledge, identify, admit

(1) **recognize** talent, (2) **recognize** achievement

It's important to **recognize** your strengths and weaknesses.

cognition

n. the psychological process of perception and learning and reasoning; the mental action or process by which knowledge and understanding are developed in the mind

synonym : awareness, understanding, comprehension

(1) social **cognition**, (2) **cognition** disorder

The professor focused on the research of infant **cognition**.

emotion

n. a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others

synonym : feeling, sentiment, passion

(1) control my **emotion**, (2) afraid to show **emotion**

Some **emotions** are common across cultures and backgrounds.

conscious

adj. being aware of and able to respond to what is happening around you

synonym : aware, cognizant, deliberate

(1) **conscious** effort, (2) **conscious** of having succeeded

He became **conscious** that he was being followed.

emotional

adj. relating to people's feelings

synonym : affecting, impactful, impressive

(1) **emotional** health, (2) **emotional** distress

Human **emotional** responses vary widely depending on the society to which they belong.

multitude

n. a large number of things or people

synonym : mass, assembly, hive

(1) great **multitude**, (2) from a **multitude** of sources

This company is faced with a **multitude** of problems.

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.

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.

deserve

v. to be worthy of or entitled to something, especially something good or valuable

synonym : merit, earn, justify

(1) **deserve** respect, (2) **deserve** this prize

The employee **deserved** the promotion for their hard work and dedication.

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.

alien

n. a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere

synonym : foreigner, unfamiliar, unknown

(1) **alien** fungi, (2) resident **aliens**

Alien species have drastically altered the ecosystem in this

area.

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**.

separate

v. to force, take, or pull apart; mark as different

synonym: disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

divergent

adj. different or becoming different from another or a standard; tending to move apart in different directions

synonym: differing, disparate, atypical

(1) follow a **divergent** path, (2) wildly **divergent** results

The prime minister had to reconcile **divergent** opinions on controversial issues like abortion.

pun

n. a humorous play on words or use of words that sound similar but have different meanings, often for a comedic effect; a form of wordplay

synonym: joke, quip, wordplay

(1) witty **pun**, (2) silly **pun**

The comedian's **pun** had the audience laughing out loud.

terrestrial

adj. of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

synonym: earthy, earthborn, telluric

(1) **terrestrial** planets, (2) **terrestrial** heat

Terrestrial longitude is measured in degrees east or west of the Prime Meridian.

interface

n. (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things

synonym: junction, surface, UI

(1) **interface** between gas and liquid, (2) the user **interface**

Detergent weakens the surface tension at the **interface** of two liquids.

develop

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

synonym: evolve, progress, advance

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

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

underwater

adv. below or under the surface of the water

synonym: submerged, undersea, submarine

(1) hold my breath **underwater**, (2) seals sleep **underwater**

He is good at swimming **underwater**.

keyboard

n. device consisting of a set of keys on a piano, typewriter, computer, etc., that you press to make it work

synonym: console, piano

(1) numeric **keyboard**, (2) **keyboard** instruments

Please strike the "enter" on the **keyboard**.

custom-made

adj. made to order or custom-designed for a particular customer or client, tailored to meet individual needs or specifications

synonym: custom-built, tailor-made, bespoke

(1) **custom-made** car, (2) **custom-made** furniture

The bride wore a **custom-made** dress that was designed to fit her perfectly.

- brain** *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
synonym: intellect, mind, encephalon
(1) basic **brain** function, (2) permanent **brain** damage
X-rays revealed a small tumor in his **brain**.
- symbol** *n.* something visible that is used to represent something else
synonym: mark, character, insignia
(1) **symbol** color, (2) **symbol** for happiness
The dragon is considered a **symbol** of bravery.
- fiber** *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
synonym: yarn, thread, wool
(1) carbon **fiber**, (2) synthetic **fiber**
We must consume dietary **fiber** to maintain good health.
- optic** *adj.* relating to vision or the eyes; relating to or involving light or optics
synonym: visual, ocular, visualized
(1) **optic** fiber, (2) **optic** illusion
The campaign ad was designed with bright colors and bold fonts for maximum **optic** impact.
- cable** *n.* a set of wires covered by plastic or rubber that carries electricity, phone signals, etc.; a solid thick rope made of twisted hemp or steel wire
synonym: wire, cord, rope
(1) **cable** television, (2) coaxial **cable**
This system uses submarine **cables** to exchange information between continents.
- prehistoric** *adj.* belonging to or existing in times before recorded history; no longer fashionable
synonym: ancient, primitive, archaic
(1) **prehistoric** settlements, (2) **prehistoric** times

Scientists often fail to date archeological or **prehistorical** findings.

generate

v. to produce or create something; to make offspring by reproduction

synonym: create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month

The economic stimulation program would **generate** a lot of new jobs.

whistle

v. to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound

synonym: sound, honk, tweet

(1) **whistle** a tune, (2) **whistle** for help

The employee decided to **whistle-blow** on the company's illegal activities.

remarkable

adj. worthy of attention because unusual or special

synonym: outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

intervention

n. the action or process of being done to improve or help a circumstance, often they have not been asked to do so

synonym: interference, intercession, treatment

(1) **intervention** by foreign powers, (2) surgical

intervention

This **intervention** does not require the patient's consent.

imitate

v. to copy the speech, behavior, appearance, etc. of someone or something

synonym: mimic, emulate, replicate

(1) **imitate** painting styles, (2) **imitate** animal sounds

He **imitated** the modus operandi of the famous phantom thief.

association

n. a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship

synonym : affiliation, collaboration, society

(1) word **associations**, (2) a scholarship **association**

His membership in the **association** provided him with numerous benefits.

peter

v. to fail or lose power, efficiency, or value gradually before coming to an end

synonym : decrease, drop, lower

(1) eventually **peter** out, (2) begin to **peter** out

The music just **petered** out.

amazing

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

synonym : exceptional, extraordinary, wonderful

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

The golfer recorded an **amazing** distance.

surround

v. to be all around something or somebody

synonym : encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace

On three sides, mountains **surround** the settlement.

breakthrough

n. a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

synonym : advance, progress, innovation

(1) **breakthrough** in the negotiations, (2) **breakthrough** discovery

A technique called deep learning has led to **breakthroughs** in AI.

penny

n. a small denomination of currency or coin, typically the smallest unit of a currency system; in the US, a coin worth one cent

synonym : cent, coin, copper

(1) **penny** stock, (2) save a **penny**

I found a lucky **penny** on the ground while walking to work this morning.

sue

v. to claim a person or organization, especially by filing a legal claim for money or redress

synonym : accuse, plead, file

(1) **sue** a company for damages, (2) **sue** my boss for harassment

He planned to **sue** the organization for negligence.

parrot

n. a tropical bird with a curved beak and the ability to mimic sounds, often kept as a pet and trained to copy the human voice

synonym : copyist, wannabe

(1) repeat like a **parrot**, (2) a talking **parrot**

She keeps a **parrot** in a birdcage as a pet.

excite

v. to make someone feel suddenly enthusiastic or eager

synonym : thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

adept

adj. having or showing knowledge and skill and aptitude to do something quite difficult

synonym : proficient, masterful, experienced

(1) **adept** at fishing, (2) **adept** in handicrafts

She is highly **adept** with medical equipment.

handle

v. to deal with a situation, problem, or strong emotion

synonym : control, manage, deal with

(1) **handle** a precious object, (2) **handled** the incident

We all should learn how to **handle** stress.

instrument

n. an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work

synonym : apparatus, tool, device

(1) musical **instruments**, (2) surgical **instruments**

This electronic **instrument** is required to undergo periodic inspections to ensure precision.

suddenly

adv. quickly and unexpectedly

synonym : abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly**

Who answers **suddenly** knows little.

emote

v. to communicate through facial expressions, gestures, and body language to express strong feelings or emotions

synonym : express, communicate, convey

(1) **emote** salute, (2) **emote** through art

The actor could **emote** a wide range of emotions on screen, earning them critical acclaim.

cold-call

v. to make an unsolicited phone call or visit to a potential customer or client who has not expressed any prior interest or given permission for such contact to offer a product or service

synonym : prospect, canvass, phone

(1) **cold-call** potential leads, (2) **cold-call** companies in the area

I had to **cold-call** potential clients to promote my new business.

eventually

adv. finally, particularly after a long time or a lot of struggle, complications, and so on

synonym : finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed
The corporation **eventually** dominated the entire tobacco business.

invite

v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

synonym: ask, request, summon

(1) **invite** guests, (2) **invite** criticism

We want to **invite** you to our annual charity event.

bonobo

n. a species of great ape that is native to the Congo Basin in Africa, known for its intelligence, social behavior, and peaceful temperament

synonym: ape, chimpanzee, monkey

(1) endangered **bonobo**, (2) **bonobo** habitat

The **bonobo** sanctuary is dedicated to protecting and rehabilitating these endangered primates.

percussion

n. the section of an orchestra or band that plays instruments such as drums, cymbals, and tambourines; the action of striking something to produce a sound

synonym: beating, rhythm, strike

(1) **percussion** instrument, (2) chest **percussion**

The **percussion** section is an essential part of the band's sound.

toy

n. a thing, typically a small model or replica of something that is played with, especially by children

synonym: plaything, game, trinket

(1) **toy** store, (2) **toy** box

He gave his daughter a new **toy** for her birthday.

infant

n. a baby or very young child

synonym: baby, newborn, tot

(1) **infant** daughter, (2) **infant** food

Mozart was an **infant** prodigy.

bash

- v. to strike or hit hard, often with a blunt object or a fist; to criticize harshly or with force; to hold a social gathering or party, often involving loud music or revelry; (noun) a lively, informal party or gathering, often characterized by loud music, dancing, and socializing

synonym: strike, hit, pound

(1) **bash** the door, (2) beach **bash**

I accidentally **bashed** my elbow on the door frame while walking through.

fist

- n. a hand with the fingers clenched tightly into the palm to form a hard rounded shape; an act of striking someone or something with the fist

synonym: clenched hand, knuckles, mitt

(1) tight **fist**, (2) raise a **fist**

The boxer clenched his **fist** before throwing a punch.

groom

- v. to clean, brush, and care for the fur or feathers of an animal; to prepare oneself or someone else for a special event or occasion; to make something neat; (noun, also "bridegroom") a man who is about to be married or has recently been married

synonym: brush, comb, neaten

(1) **groom** duties, (2) **groom** a horse

I need to **groom** my dog before his fur gets too long.

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**.

encouraging

- adj.* giving hope, confidence, or support; inspiring

synonym: uplifting, inspiring, optimistic

(1) **encouraging** approval, (2) **encouraging** sign

The test results were **encouraging** and showed

improvement.

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**.

octave

n. a musical interval encompassing eight diatonic scale degrees, such as the interval from C to the next C in a C major scale

synonym: eighth, interval, range

(1) **octave** key, (2) **octave** range

The singer's range was impressive, covering three **octaves** with ease.

triplet

n. a group of three things or people, especially three babies born at the same time from the same pregnancy

synonym: trio, threesome, three-piece set

(1) **triplet** siblings, (2) **triplet** acetylene

The **triplet** babies were born premature and needed extra care.

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.

sentient

adj. having the ability to perceive or feel things, particularly through sense perception like touch or sight, especially at higher levels of intelligence and consciousness

synonym: conscious, aware, perceptive

(1) **sentient** beings, (2) **sentient** robots

Animals such as dolphins and elephants are highly **sentient** and intelligent creatures.

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.

hustle

v. to cause someone to move quickly by pushing them in a rough, aggressive way

synonym : bustle, rush, haste

(1) **hustle** on business, (2) **hustle** up money

You must **hustle** and struggle on the court to win an acquittal.

relate

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

synonym : connect, link, associate

(1) **relate** a story, (2) **relate** a message

He tried to **relate** his experience to the group, but they couldn't understand.

inspiring

adj. stimulating and motivating you to want to do something

synonym : exhilarating, encouraging, heartening

(1) **inspiring** stories, (2) awe- **inspiring** sight

An **inspiring** teacher might spark students' motivation to succeed.

clip

n. a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip

synonym : buckle, hook, pin

(1) tie **clip**, (2) short video **clip**

He fastens some sheets of paper with a **clip**.

vision

n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

synonym : sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**

Driving is difficult for me because of my poor **vision**.

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.

server

n. a computer program or a device from which other computers get information; a person who serves food in a restaurant

synonym : computer, waiter, waitperson

(1) a mail **server**, (2) work as a **server** in a restaurant

After the airing of the TV commercial, many people accessed the website, and the **server** went down.

possibility

n. a chance that something may happen or be true

synonym : chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake

The **possibility** of getting the disease will drastically increase.

industrious

adj. hardworking, diligent, and persistent in effort

synonym : diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

tremendous

adj. very great in degree or extent or amount or impact; extremely good

synonym : enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity

We had a **tremendous** time yesterday.

implication

n. something that is inferred or indirectly stated; the act or fact of being involved in something

synonym : suggestion, association, conclusion

(1) the **implication** in a crime, (2) the **implication** of a word

His poem has a very significant **implication**.

efficiency

n. the state or quality of doing something well with no waste of input such as time or money

synonym : effectiveness, efficacy, productivity

(1) better fuel **efficiency**, (2) an energy **efficiency**

Our company must continue to strive for greater **efficiency**.

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.

confer

v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

synonym : consult, meet, discuss

(1) **confer** degree, (2) **confer** honor

The leaders of the two countries met to **confer** on the issue.

cognitive

adj. of or relating to mental processes of understanding

synonym : perceivable, mind, mental

(1) improve **cognitive** function, (2) research on **cognitive** psychology

His **cognitive** faculties were getting worse because of a lack of sleep.

introduction

n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

synonym : initiation, preamble, prologue

(1) **introduction** education, (2) self- **introduction**

The **introduction** to the new class was informative and engaging.

orangutan

n. a large long-armed ape with red-brown hair that lives in Borneo and Sumatra and has arboreal habits

(1) **orangutan** arm, (2) female **orangutan**

The researcher found new species of **orangutan** on the island.

outdo

v. to do better than someone; to surpass

synonym : excel, surpass, outshine

(1) **outdo** him in trickery, (2) **outdo** the competition

He tried to **outdo** his rival by breaking the world record.

quarter

n. one of four equal parts; a fourth part or portion

synonym : fourth, one-fourth

(1) a **quarter** mile, (2) end of the first **quarter**

The unemployment rate in the first **quarter** was 2.3 percentage points higher than in the previous.

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.

participate

v. to take part in something

synonym : take part, partake, enter

(1) **participate** fully in conversation, (2) **participate** in the

program

The majority of students actively **participated** in the college's intramural sports program.

outreach

n. an effort to extend help or services to people who may not be aware of them, often in a targeted manner; the process of establishing connections and communication with a wider community or audience; (verb) to reach out or make contact with people or groups to offer help, support, or information

synonym : extension, community involvement

(1) community **outreach**, (2) student **outreach**

The nonprofit organization's **outreach** program helps the homeless community by providing necessities.

stimulate

v. to encourage something to develop or become more active; to stir the feelings or emotions

synonym : excite, provoke, arouse

(1) **stimulate** the economy, (2) **stimulate** the nervous system

The book **stimulated** my imagination.

enrich

v. to make better or improve in quality by adding something else

synonym : enhance, improve, augment

(1) **enrich** a gas with a balloon, (2) **enrich** public services

Reading not only increases knowledge but also **enriches** life.

critic

n. someone who expresses opinions about the quality of books, music, etc.

synonym : pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

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.

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.

intelligent

adj. having the capacity for thought and reason, especially to a high degree

synonym : brilliant, clever, competent

(1) an **intelligent** person, (2) **intelligent** assisting system
Intelligent robots that can cooperate with humans have limited motor output for safety.

exciting

adj. causing a lot of interest or excitement

synonym : exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and unexpected.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym : suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

rehearse

v. to practice or repeat something, such as a performance, speech, or action, to prepare for an event or to improve one's skills; to go through the motions of a planned activity before executing it

synonym : practice, recite, drill

(1) **rehearse** an opera, (2) **rehearse** a speech

The actors needed to **rehearse** their lines before the performance.

nation

n. a large organized community of people living in a particular country or region and having a particular culture

synonym: country, state, sovereign entity

(1) **nation-state**, (2) a seafaring **nation**

The **nation** of Japan is known for its unique culture and advanced technology.

aquarium

n. a transparent tank of water in which fish and other water animals and plants are kept; a building containing tanks of live fish of different species, especially one that is open to the public

synonym: fish tank, water tank, aqua park

(1) **aquarium** fish, (2) virtual **aquarium**

This world-class **aquarium** offers educational programs for school groups.

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.

bottlenose

adj. a type of dolphin that has a distinctive bottle-shaped snout; anything that is characterized by a similar shape or appearance

synonym: curved-snouted, bulbous-nosed

(1) **bottlenose** turtle, (2) **bottlenose** whale

Bottlenose dolphins are known for their intelligence and social behavior.

committed

adj. willing to put in a lot of effort, time, and energy into something; firmly believing in something

synonym: devoted, faithful, attached

(1) in a **committed** relationship, (2) strong and **committed** sales staff

Our company is strongly **committed** to meeting customers' needs.

excellence

n. the quality of being extremely good

synonym: distinction, goodness, superiority

(1) **excellence** in product design, (2) highest standards of **excellence**

He has also won many marketing **excellence** awards.

conservation

n. the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity

synonym: preservation, protection, saving

(1) soil **conservation**, (2) the **conservation** law of physics

The forest was recently designated a **conservation** area.

intrigue

v. to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone

synonym: attract, captivate, charm

(1) **intrigue** him, (2) **intrigue** against his rival

The artist's innovative style of work **intrigues** me.

addition

n. the act or process of adding something to something else; the process of adding numbers

synonym: accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

mention

v. to speak or write about something or someone briefly

synonym: reference, allude, cite

(1) **mention** name, (2) **mention** in a report

I **mentioned** to him that I had seen his sister at the grocery store earlier that day.

involve

v. to include or affect someone or something as a necessary part of something else

synonym: implicate, include, engage

(1) **involve** a lot of paperwork, (2) **involve** a high degree of risk

The investigation **involves** several government agencies and is expected to take several months.

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**.

foundation

n. the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes

synonym: base, support, groundwork

(1) **foundation** course, (2) weak **foundation**

The **foundation** of the building was cracked and needed to be repaired.

virtually

adv. almost completely

synonym: almost, basically, nearly

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

Virtually all the parties signed the contract.

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed

Her response revealed **incredible** idiocy.

integrate

v. to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

synonym: mix, merge, combine

(1) **integrate** into the existing system, (2) **integrate** both businesses

He found that it is difficult to **integrate** socially.

biomass

n. the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms

(1) **biomass** energy, (2) fuel **biomass**

The **biomass** in a forest can be measured by collecting and weighing all living plants within a specific area.

galaxy

n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

synonym: star cluster, nebula, star system

(1) elliptic **galaxy**, (2) a **galaxy** of famous actors

The Milky Way **galaxy** has numerous water-bearing planets.

script

n. a written text of a film, play, broadcast, or speech; something written by hand

synonym: writing, penmanship, article

(1) a hand **script**, (2) the **script** of a play

The archaeologist found a hieratic Egyptian **script** on a stone monument.

bob

v. to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders

synonym: bobble, bounce, wag

(1) **bob** a quick curtsy, (2) **bob** on the surface of the water

I need to **bob** my head to the beat of the music.

experimental

adj. relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have

synonym : empirical, exploratory, observed

(1) **experimental** data, (2) **experimental** design

The product is still in the **experimental** stage.

termination

n. the process or act of bringing something to an end or conclusion; an end or conclusion of something

synonym : conclusion, ending, closure

(1) **termination** of a contract, (2) **termination** notice

The **termination** of his employment was due to repeated violations of company policy.

Congress

n. a formal meeting of the representatives of different countries, constituent states, organizations, trade unions, political parties, or other groups

synonym : legislature, parliament, assembly

(1) an international **Congress**, (2) peace **Congress**

Congress must consider this proposal in an unusual situation.

appreciate

v. to value and acknowledge the worth of someone or something; to be grateful for something or someone

synonym : acknowledge, admire, enjoy

(1) **appreciate** her feedback, (2) **appreciate** the value

We would **appreciate** an early reply.

restrict

v. to limit someone's actions or movements, or to limit something to lessen its size or prevent it from increasing

synonym : limit, confine, hinder

(1) **restrict** an Internet access, (2) **restrict** the use of this parking lot

We **restrict** the number of students per course to twenty.

traffic

n. the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time

synonym: congestion, jam, flow

(1) **traffic** jam, (2) heavy **traffic**

We decided to take a detour to avoid the construction **traffic** on the main road.

suppose

v. to think that something is likely to be actual or possible

synonym: guess, assume, presume

(1) **suppose** you're right, (2) **suppose** beforehand

What do you **suppose** the culprit's motive was?

interconnect

v. to connect similar things

synonym: interlink, connect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

independence

n. freedom from another's or others' control or influence

synonym: freedom, liberty, autonomy

(1) financial **independence**, (2) **independence** ceremony

There is nothing more valuable than **independence** and freedom.

protocol

n. a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement

synonym: procedure, system, method

(1) draft a **protocol**, (2) **protocol** breach

The company has a strict **protocol** for handling sensitive information to ensure security.

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.

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.

experiment

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

synonym : experimentation, investigation

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

His **experiments** showed highly positive results.

unfold

v. to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown

synonym : open, spread out, expose

(1) **unfold** the story, (2) **unfold** the stroller

The mystery **unfolded** as the detectives gathered more clues.

accustomed

adj. familiar with; used to; in the habit of; having become habituated to something, often a behavior or situation

synonym : familiar, customary, habitual

(1) **accustomed** routine, (2) **accustomed** to complaints

I am **accustomed** to waking up early for work.

gesture

n. a movement of the hands, head, or face that express a particular meaning

synonym : motion, expression, gesticulation

(1) **gesture** of goodwill, (2) hand **gesture**

She made a facial **gesture** to express disagreement.

translator

n. a person whose job is restating written messages from one language to another

synonym : interpreter

(1) electronic **translator**, (2) professional **translator**

The author discovered that the **translator** had inserted several unique interpretations into his book.

underway

adj. having started and currently in progress

synonym : afoot, ongoing, in motion

(1) just getting **underway**, (2) campaign now **underway**

This project has been **underway** for several years.

interplanetary

adj. relating to or occurring between planets, particularly regarding space travel or communication

synonym : interstellar, planetary, celestial

(1) **interplanetary** debris, (2) **interplanetary** exploration

Scientists are working on developing **interplanetary** travel to explore other planets in our solar system.

mar

v. to damage or spoil the appearance or surface of something

synonym : damage, deface, disfigure

(1) **mar** a proper relationship, (2) **mar** the reputation

The scratches on the car **marred** its otherwise perfect appearance.

spacecraft

n. a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

synonym : spaceship, satellite, probe

(1) **spacecraft** launch, (2) alien **spacecraft**

The human-crewed **spacecraft** successfully landed on the moon, fulfilling its mission.

orbit

- n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

synonym: path, course, trajectory

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

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

rendezvous

- n.* a meeting or appointment that has been arranged beforehand; a gathering of people in a pre-arranged location

synonym: meeting, appointment, encounter

- (1) romantic **rendezvous**, (2) business **rendezvous**

Our **rendezvous** point was the coffee shop on the corner.

defend

- v.* to protect someone or something from attack, criticism, danger, etc.

synonym: protect, guard, support

- (1) **defend** my country, (2) **defend** against a threat

International law allows each nation to **defend** itself when its rights and interests are illegally violated.

advance

- v.* to go or move forward; to develop in a positive way

synonym: progress, boost, come along

- (1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

agency

- n.* an organization or business that is responsible for specific activities or services, especially when representing other organizations or businesses; the capacity or power to act or exert influence; the ability to make decisions and take action

synonym: organization, bureau, institution

- (1) real estate **agency**, (2) intelligence **agency**

The government **agency** regulated the country's food and drug safety standards.

architecture

n. the art and science of designing and constructing buildings

synonym: design, structure, layout

(1) **architecture** design, (2) classic **architecture**

The city is known for its impressive **architecture** and beautiful old buildings.

interaction

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

synonym: dealings, exchange, relations

(1) the **interaction** between man and his environment,

(2) **interaction** among human beings

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

ultimate

adj. furthest or highest in degree or order

synonym: highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

interact

v. to communicate or react with somebody

synonym: cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

acknowledge

v. to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;

synonym: accept, agree, declare

(1) **acknowledge** the deed, (2) **acknowledge** his help

He never **acknowledged** his fault.

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.

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.

mechanical

adj. operated by a machine, relating to or concerned with machinery or tools

synonym : machinelike, automated, automatic

(1) a **mechanical** style of writing, (2) the influence of **mechanical** action

A **mechanical** engineer is still in demand in many companies.

infrastructure

n. the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies

synonym : foundation, framework

(1) IT **infrastructure**, (2) **infrastructure** cost

Aging societies tend to require huge costs for **infrastructure** maintenance.

roll

v. to move in a particular direction by turning over and over or from side to side

synonym : spin, swirl, wheel

(1) **roll** a ball, (2) **roll** down his cheeks

He was exhausted and **rolled** into bed as soon as he got

home.

function

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

synonym: purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

contribution

n. the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause

synonym: donation, gift, offering

(1) make a positive **contribution**, (2) **contribution** to society

His **contribution** to the charity was a generous donation of money.

wrap

v. to cover or enclose something entirely with paper, cloth, or other material

synonym: surround, cover, bandage

(1) **wrap** a fish in foil, (2) **wrap** up a meeting

Wrap the bandage tightly around the injured arm.

individually

adv. separately or apart from others

synonym: separately, one by one, independently

(1) answer questions **individually**, (2) **individually** designed product

Each department has done its product costing **individually**.

clarify

v. to make something, such as a statement or situation, less confusing and more understandable

synonym : explain, ascribe, purify

(1) **clarify** a goal, (2) **clarify** his feelings

The police tried to **clarify** the facts concerning her death.

cam

n. a device or mechanism that converts rotary motion to linear motion or vice versa; a revolving cylinder with an irregular shape used in machinery to convert rotary motion into intermittent or reciprocating motion; an abbreviation for camera

synonym : camera, device, gadget

(1) security **cam**, (2) **cam** lever

The mechanic adjusted the **cam** mechanism to improve the engine's performance.

scalable

adj. capable of being easily expanded or increased in size, number, or scale to meet changing demands

synonym : expandable, flexible, adjustable

(1) **scalable** solution, (2) dynamically **scalable**

The company's new software is highly **scalable**, allowing it to handle increasing number of users.

symmetrical

adj. having similarity in size, shape, and relative position of corresponding parts

synonym : harmonious, balanced, proportional

(1) **symmetrical** triangle, (2) **symmetrical** pattern

This figure is **symmetrical** about the x-axis.

back-end

n. the part of a system or technology that is not directly visible to the user but which handles data processing, storage, retrieval, and other behind-the-scenes tasks; the operational aspects of a company or project that are not visible to customers or end-users

(1) **back-end** development, (2) **back-end** operations

The website's **back-end** is where all the data processing and storage happens.

process

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

synonym: procedure, method, system

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

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

interactive

adj. acting reciprocally; mutually responsive

synonym: reciprocal, responsive, mutual

(1) **interactive** experience, (2) an **interactive** device

The new video game has an **interactive** storyline that allows players to make choices that affect the game's outcome.

continuation

n. the act of carrying something on over time without interruption

synonym: continuance

(1) **continuation** ceremony, (2) **continuation** of trial

The present economic policy is a **continuation** of the preceding one.

delight

n. a feeling of great pleasure or happiness

synonym: pleasure, joy, satisfaction

(1) a tremor of **delight**, (2) with **delight**

The **delight** on the child's faces when they received the toy was priceless.

Session 2: Spelling

- | | |
|---------------------------------------|---|
| 1. soil con_____ion | <i>n.</i> the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity |
| 2. t_y store | <i>n.</i> a thing, typically a small model or replica of something that is played with, especially by children |
| 3. ev_____on theory | <i>n.</i> a gradual process of transformation of living things |
| 4. a scientific di_____ry | <i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known |
| 5. in_____te both businesses | <i>v.</i> to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups |
| 6. acc_____ed routine | <i>adj.</i> familiar with; used to; in the habit of; having become habituated to something, often a behavior or situation |
| 7. improve co_____ve function | <i>adj.</i> of or relating to mental processes of understanding |
| 8. re_____on between cause and effect | <i>n.</i> the way two persons or groups of people feel and act toward one another |
| 9. ter_____on of a contract | <i>n.</i> the process or act of bringing something to an end or conclusion; an end or conclusion of something |

ANSWERS: 1. conservation, 2. toy, 3. evolution, 4. discovery, 5. integrate, 6. accustomed, 7. cognitive, 8. relation, 9. termination

10. per_____on instrument *n.* the section of an orchestra or band that plays instruments such as drums, cymbals, and tambourines; the action of striking something to produce a sound
11. a planetary or__t *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels
12. 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
13. in_____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
14. art cr___c *n.* someone who expresses opinions about the quality of books, music, etc.
15. dynamically sc_____le *adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
16. work as a se___r in a restaurant *n.* a computer program or a device from which other computers get information; a person who serves food in a restaurant
17. ca__e television *n.* a set of wires covered by plastic or rubber that carries electricity, phone signals, etc.; a solid thick rope made of twisted hemp or steel wire

ANSWERS: 10. percussion, 11. orbit, 12. launch, 13. involve, 14. critic, 15. scalable, 16. server, 17. cable

18. romantic ren_____us *n.* a meeting or appointment that has been arranged beforehand; a gathering of people in a pre-arranged location
19. in_____e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
20. bre_____ugh discovery *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
21. re_____ct the use of this parking lot *v.* to limit someone's actions or movements, or to limit something to lessen its size or prevent it from increasing
22. a warm em_____e *v.* to accept something willingly and enthusiastically; (noun) the act of clasping another person in the arms as in greeting or affection
23. end_____ed ecosystem *adj.* at risk of extinction because it is facing significant threats
24. em___e salute *v.* to communicate through facial expressions, gestures, and body language to express strong feelings or emotions
25. in a co_____ed relationship *adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something
26. an int_____nt person *adj.* having the capacity for thought and reason, especially to a high degree

ANSWERS: 18. rendezvous, 19. involve, 20. breakthrough, 21. restrict, 22. embrace, 23. endangered, 24. emote, 25. committed, 26. intelligent

27. great mu_____de *n.* a large number of things or people
28. co_____ll companies in the area *v.* to make an unsolicited phone call or visit to a potential customer or client who has not expressed any prior interest or given permission for such contact to offer a product or service
29. electronic tra_____or *n.* a person whose job is restating written messages from one language to another
30. sc_____le solution *adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
31. in_____ce between gas and liquid *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
32. jungle a_e *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
33. int_____ion by foreign powers *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
34. ack_____ge his help *v.* to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;

ANSWERS: 27. multitude, 28. cold-call, 29. translator, 30. scalable, 31. interface, 32. ape, 33. intervention, 34. acknowledge

35. co_____us of having succeeded *adj.* being aware of and able to respond to what is happening around you
36. word ass_____ons *n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
37. se_____te video into chapter *v.* to force, take, or pull apart; mark as different
38. gr__m a horse *v.* to clean, brush, and care for the fur or feathers of an animal; to prepare oneself or someone else for a special event or occasion; to make something neat; (noun, also "bridegroom") a man who is about to be married or has recently been married
39. community ou_____ch *n.* an effort to extend help or services to people who may not be aware of them, often in a targeted manner; the process of establishing connections and communication with a wider community or audience; (verb) to reach out or make contact with people or groups to offer help, support, or information
40. in____t food *n.* a baby or very young child
41. do_____n show *n.* a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid
42. int_____ies interaction *adj.* occurring between or involving different species; pertaining to interactions between different species

ANSWERS: 35. conscious, 36. association, 37. separate, 38. groom, 39. outreach, 40. infant, 41. dolphin, 42. interspecies

43. a ga___y of famous actors *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
44. with de_____t *n.* a feeling of great pleasure or happiness
45. b_b on the surface of the water *v.* to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders
46. bre_____ugh in the negotiations *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
47. a scholarship ass_____on *n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
48. the sc___t of a play *n.* a written text of a film, play, broadcast, or speech; something written by hand
49. oc___e key *n.* a musical interval encompassing eight diatonic scale degrees, such as the interval from C to the next C in a C major scale
50. gain pr_____al experience *adj.* of or connected with actual use or real situation rather than with theory and ideas
51. me_____n in a report *v.* to speak or write about something or someone briefly

ANSWERS: 43. galaxy, 44. delight, 45. bob, 46. breakthrough, 47. association, 48. script, 49. octave, 50. practical, 51. mention

52. su____e beforehand *v.* to think that something is likely to be actual or possible
53. in____ue him *v.* to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone
54. op__c fiber *adj.* relating to vision or the eyes; relating to or involving light or optics
55. r__l down his cheeks *v.* to move in a particular direction by turning over and over or from side to side
56. 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
57. 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
58. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
59. tr____c jam *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
60. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
61. par_____te fully in conversation *v.* to take part in something

ANSWERS: 52. suppose, 53. intrigue, 54. optic, 55. roll, 56. communicate, 57. planet, 58. experiment, 59. traffic, 60. environment, 61. participate

62. do_____n-watching tour *n.* a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid
63. re_____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
64. better fuel eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
65. in_____ct with one another *v.* to communicate or react with somebody
66. tr_____le shape *n.* a three-sided polygon with three angles; something that has three sides or parts
67. ha___e a precious object *v.* to deal with a situation, problem, or strong emotion
68. de_____e this prize *v.* to be worthy of or entitled to something, especially something good or valuable
69. tie c___p *n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip
70. weak fou_____on *n.* the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes
71. awe-in_____ng sight *adj.* stimulating and motivating you to want to do something

ANSWERS: 62. dolphin, 63. recognize, 64. efficiency, 65. interact, 66. triangle, 67. handle, 68. deserve, 69. clip, 70. foundation, 71. inspiring

72. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
73. virtual aq_____um *n.* a transparent tank of water in which fish and other water animals and plants are kept; a building containing tanks of live fish of different species, especially one that is open to the public
74. play the a_e *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
75. field of vi____l arts *adj.* relating to seeing or sight
76. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
77. app_____te the value *v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone
78. the con_____ion law of physics *n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
79. spa_____ft launch *n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
80. fuel bi_____s *n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
81. at inc_____le speed *adj.* unbelievable; enormous

ANSWERS: 72. eventually, 73. aquarium, 74. ape, 75. visual, 76. communicate, 77. appreciate, 78. conservation, 79. spacecraft, 80. biomass, 81. incredible

82. tr____t acetylene *n.* a group of three things or people, especially three babies born at the same time from the same pregnancy
83. a cold cl____e *n.* the weather in a particular location averaged over some long period
84. vi____ly identical *adv.* almost completely
85. s_e my boss for harassment *v.* to claim a person or organization, especially by filing a legal claim for money or redress
86. surgical ins____nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
87. w__p up a meeting *v.* to cover or enclose something entirely with paper, cloth, or other material
88. c_m lever *n.* a device or mechanism that converts rotary motion to linear motion or vice versa; a revolving cylinder with an irregular shape used in machinery to convert rotary motion into intermittent or reciprocating motion; an abbreviation for camera
89. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
90. co____on disorder *n.* the psychological process of perception and learning and reasoning; the mental action or process by which knowledge and understanding are developed in the mind

ANSWERS: 82. triplet, 83. climate, 84. virtually, 85. sue, 86. instrument, 87. wrap, 88. cam, 89. brain, 90. cognition

91. re____ve factors *adj.* considered and evaluated through comparison with something else
92. the int_____on between man and his environment *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
93. op__c illusion *adj.* relating to vision or the eyes; relating to or involving light or optics
94. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
95. st___e a blow *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
96. in____ct directly with customers *v.* to communicate or react with somebody
97. en___e a new employee *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
98. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
99. witty p_n *n.* a humorous play on words or use of words that sound similar but have different meanings, often for a comedic effect; a form of wordplay
100. em__e through art *v.* to communicate through facial expressions, gestures, and body language to express strong feelings or emotions
101. ma___e behavior *n.* a bird with black and white plumage, native to Europe and Asia, known for its chattering, thieving, and hoarding tendencies; a person who collects or hoards various items, especially those that have little value or practical use to others

ANSWERS: 91. relative, 92. interaction, 93. optic, 94. lab, 95. strike, 96. interact, 97. engage, 98. excite, 99. pun, 100. emote, 101. magpie

102. the or__t of the moon *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels
103. a man of ex_____te sensitivity *adj.* extremely beautiful and delicate
104. human ev_____on *n.* a gradual process of transformation of living things
105. chatter like a ma____e *n.* a bird with black and white plumage, native to Europe and Asia, known for its chattering, thieving, and hoarding tendencies; a person who collects or hoards various items, especially those that have little value or practical use to others
106. en___e in environmental protection activities *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
107. numeric ke_____rd *n.* device consisting of a set of keys on a piano, typewriter, computer, etc., that you press to make it work
108. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
109. pos_____ty of a major earthquake *n.* a chance that something may happen or be true
110. classic arc_____ure *n.* the art and science of designing and constructing buildings

ANSWERS: 102. orbit, 103. exquisite, 104. evolution, 105. magpie, 106. engage, 107. keyboard, 108. industrious, 109. possibility, 110. architecture

111. con_____ty plan *n.* the state or quality of being continuous, uninterrupted, or consistent; the maintenance of a connection, sequence, or pattern
112. a mail se____r *n.* a computer program or a device from which other computers get information; a person who serves food in a restaurant
113. tre_____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
114. hold my breath und_____er *adv.* below or under the surface of the water
115. a remote re____ve *adj.* considered and evaluated through comparison with something else
116. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
117. hu___e on business *v.* to cause someone to move quickly by pushing them in a rough, aggressive way
118. tr_____t siblings *n.* a group of three things or people, especially three babies born at the same time from the same pregnancy
119. enc_____ng approval *adj.* giving hope, confidence, or support; inspiring
120. synthetic fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
121. effects of cl_____e change *n.* the weather in a particular location averaged over some long period

ANSWERS: 111. continuity, 112. server, 113. tremendous, 114. underwater, 115. relative, 116. opportune, 117. hustle, 118. triplet, 119. encouraging, 120. fiber, 121. climate

122. silly p_n *n.* a humorous play on words or use of words that sound similar but have different meanings, often for a comedic effect; a form of wordplay
123. professional tra_____or *n.* a person whose job is restating written messages from one language to another
124. a mec_____al style of writing *adj.* operated by a machine, relating to or concerned with machinery or tools
125. wildly di_____nt results *adj.* different or becoming different from another or a standard; tending to move apart in different directions
126. immune fu_____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
127. re_____se an opera *v.* to practice or repeat something, such as a performance, speech, or action, to prepare for an event or to improve one's skills; to go through the motions of a planned activity before executing it
128. in____t daughter *n.* a baby or very young child
129. campaign now un_____ay *adj.* having started and currently in progress
130. ge_____te \$100 a month *v.* to produce or create something; to make offspring by reproduction

ANSWERS: 122. pun, 123. translator, 124. mechanical, 125. divergent, 126. function, 127. rehearse, 128. infant, 129. underway, 130. generate

131. inf_____ure cost *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
132. de_____e respect *v.* to be worthy of or entitled to something, especially something good or valuable
133. electronic de_____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
134. m_r a proper relationship *v.* to damage or spoil the appearance or surface of something
135. acc_____ed to complaints *adj.* familiar with; used to; in the habit of; having become habituated to something, often a behavior or situation
136. hu_____e up money *v.* to cause someone to move quickly by pushing them in a rough, aggressive way
137. hand ge_____e *n.* a movement of the hands, head, or face that express a particular meaning
138. student ou_____ch *n.* an effort to extend help or services to people who may not be aware of them, often in a targeted manner; the process of establishing connections and communication with a wider community or audience; (verb) to reach out or make contact with people or groups to offer help, support, or information
139. co_____us effort *adj.* being aware of and able to respond to what is happening around you

ANSWERS: 131. infrastructure, 132. deserve, 133. device, 134. mar, 135. accustomed, 136. hustle, 137. gesture, 138. outreach, 139. conscious

140. ad____e the technology *v.* to go or move forward; to develop in a positive way
141. beach b__h *v.* to strike or hit hard, often with a blunt object or a fist; to criticize harshly or with force; to hold a social gathering or party, often involving loud music or revelry; (noun) a lively, informal party or gathering, often characterized by loud music, dancing, and socializing
142. begin to pe__r out *v.* to fail or lose power, efficiency, or value gradually before coming to an end
143. un____d the stroller *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
144. r__l a ball *v.* to move in a particular direction by turning over and over or from side to side
145. ba____nd operations *n.* the part of a system or technology that is not directly visible to the user but which handles data processing, storage, retrieval, and other behind-the-scenes tasks; the operational aspects of a company or project that are not visible to customers or end-users
146. ind_____nce ceremony *n.* freedom from another's or others' control or influence
147. chemical ad____on *n.* the act or process of adding something to something else; the process of adding numbers

ANSWERS: 140. advance, 141. bash, 142. peter, 143. unfold, 144. roll, 145. back-end, 146. independence, 147. addition

148. the ul_____te goal in life *adj.* furthest or highest in degree or order
149. int_____ary exploration *adj.* relating to or occurring between planets, particularly regarding space travel or communication
150. ex_____te crafts *adj.* extremely beautiful and delicate
151. ter_____al planets *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
152. int_____on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
153. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
154. real estate ag____y *n.* an organization or business that is responsible for specific activities or services, especially when representing other organizations or businesses; the capacity or power to act or exert influence; the ability to make decisions and take action
155. int_____ies communication *adj.* occurring between or involving different species; pertaining to interactions between different species
156. an international co_____ss *n.* a formal meeting of the representatives of different countries, constituent states, organizations, trade unions, political parties, or other groups
157. pos_____ty for growth *n.* a chance that something may happen or be true

ANSWERS: 148. ultimate, 149. interplanetary, 150. exquisite, 151. terrestrial, 152. interaction, 153. separate, 154. agency, 155. interspecies, 156. congress, 157. possibility

158. ha___ed the incident *v.* to deal with a situation, problem, or strong emotion
159. pr____ol breach *n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement
160. aw_____ss of my ignorance *n.* the fact or state of knowing something exists and is important
161. bot_____se whale *adj.* a type of dolphin that has a distinctive bottle-shaped snout; anything that is characterized by a similar shape or appearance
162. ter_____al heat *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
163. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
164. aq_____um fish *n.* a transparent tank of water in which fish and other water animals and plants are kept; a building containing tanks of live fish of different species, especially one that is open to the public
165. a tremor of de_____t *n.* a feeling of great pleasure or happiness
166. telescopic vi____n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
167. con_____ion of trial *n.* the act of carrying something on over time without interruption

ANSWERS: 158. handle, 159. protocol, 160. awareness, 161. bottlenose, 162. terrestrial, 163. eventually, 164. aquarium, 165. delight, 166. vision, 167. continuation

168. rem_____le achievement *adj.* worthy of attention because unusual or special
169. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
170. musical ins_____nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
171. a talking pa____t *n.* a tropical bird with a curved beak and the ability to mimic sounds, often kept as a pet and trained to copy the human voice
172. s_e a company for damages *v.* to claim a person or organization, especially by filing a legal claim for money or redress
173. int_____nt assisting system *adj.* having the capacity for thought and reason, especially to a high degree
174. from a mu_____de of sources *n.* a large number of things or people
175. int_____ve experience *adj.* acting reciprocally; mutually responsive
176. raise a f__t *n.* a hand with the fingers clenched tightly into the palm to form a hard rounded shape; an act of striking someone or something with the fist
177. repeat like a pa____t *n.* a tropical bird with a curved beak and the ability to mimic sounds, often kept as a pet and trained to copy the human voice

ANSWERS: 168. remarkable, 169. lab, 170. instrument, 171. parrot, 172. sue, 173. intelligent, 174. multitude, 175. interactive, 176. fist, 177. parrot

178. ex____ng football player *adj.* causing a lot of interest or excitement
179. ad__t at fishing *adj.* having or showing knowledge and skill and aptitude to do something quite difficult
180. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another
181. ge_____e of goodwill *n.* a movement of the hands, head, or face that express a particular meaning
182. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
183. intelligence ag____y *n.* an organization or business that is responsible for specific activities or services, especially when representing other organizations or businesses; the capacity or power to act or exert influence; the ability to make decisions and take action
184. elliptic ga____y *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
185. de____d my country *v.* to protect someone or something from attack, criticism, danger, etc.
186. re_____ct an Internet access *v.* to limit someone's actions or movements, or to limit something to lessen its size or prevent it from increasing
187. pr_____al English *adj.* of or connected with actual use or real situation rather than with theory and ideas

ANSWERS: 178. exciting, 179. adept, 180. relation, 181. gesture, 182. recognize, 183. agency, 184. galaxy, 185. defend, 186. restrict, 187. practical

188. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
189. seals sleep und_____er *adv.* below or under the surface of the water
190. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
191. coaxial ca___e *n.* a set of wires covered by plastic or rubber that carries electricity, phone signals, etc.; a solid thick rope made of twisted hemp or steel wire
192. rec_____on award *n.* the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
193. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
194. bo___o habitat *n.* a species of great ape that is native to the Congo Basin in Africa, known for its intelligence, social behavior, and peaceful temperament
195. vi_____ly all countries *adv.* almost completely

ANSWERS: 188. process, 189. underwater, 190. device, 191. cable, 192. recognition, 193. nation, 194. bonobo, 195. virtually

196. a qu____r mile *n.* one of four equal parts; a fourth part or portion
197. love tr____le *n.* a three-sided polygon with three angles; something that has three sides or parts
198. sp____ng wheel *n.* the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn
199. app_____te her feedback *v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone
200. joint rec_____on *n.* the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
201. re____e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
202. b__h the door *v.* to strike or hit hard, often with a blunt object or a fist; to criticize harshly or with force; to hold a social gathering or party, often involving loud music or revelry; (noun) a lively, informal party or gathering, often characterized by loud music, dancing, and socializing
203. save a pe__y *n.* a small denomination of currency or coin, typically the smallest unit of a currency system; in the US, a coin worth one cent

ANSWERS: 196. quarter, 197. triangle, 198. spinning, 199. appreciate, 200. recognition, 201. relate, 202. bash, 203. penny

204. social co_____on
- n.* the psychological process of perception and learning and reasoning; the mental action or process by which knowledge and understanding are developed in the mind
205. 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
206. ack_____ge the deed
- v.* to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;
207. de____p a skill
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
208. heavy tr____c
- n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
209. ad__t in handicrafts
- adj.* having or showing knowledge and skill and aptitude to do something quite difficult
210. security c_m
- n.* a device or mechanism that converts rotary motion to linear motion or vice versa; a revolving cylinder with an irregular shape used in machinery to convert rotary motion into intermittent or reciprocating motion; an abbreviation for camera

ANSWERS: 204. cognition, 205. planet, 206. acknowledge, 207. develop, 208. traffic, 209. adept, 210. cam

211. pre_____ic settlements *adj.* belonging to or existing in times before recorded history; no longer fashionable
212. a stone wall su_____nds the palace *v.* to be all around something or somebody
213. ou__o the competition *v.* to do better than someone; to surpass
214. im_____e painting styles *v.* to copy the speech, behavior, appearance, etc. of someone or something
215. exc_____ce in product design *n.* the quality of being extremely good
216. su_____e you're right *v.* to think that something is likely to be actual or possible
217. re___e a story *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
218. 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
219. en___h a gas with a balloon *v.* to make better or improve in quality by adding something else
220. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 211. prehistoric, 212. surround, 213. outdo, 214. imitate, 215. excellence, 216. suppose, 217. relate, 218. Atlantic, 219. enrich, 220. process

221. bi_____s energy *n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
222. make a positive con_____ion *n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
223. highest standards of exc_____ce *n.* the quality of being extremely good
224. 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
225. un____d the story *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
226. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
227. exp_____tal data *adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
228. IT inf_____ure *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
229. ba_____nd development *n.* the part of a system or technology that is not directly visible to the user but which handles data processing, storage, retrieval, and other behind-the-scenes tasks; the operational aspects of a company or project that are not visible to customers or end-users

ANSWERS: 221. biomass, 222. contribution, 223. excellence, 224. launch, 225.

unfold, 226. amazing, 227. experimental, 228. infrastructure, 229. back-end

230. female or _____ an *n.* a large long-armed ape with red-brown hair that lives in Borneo and Sumatra and has arboreal habits
231. w__p a fish in foil *v.* to cover or enclose something entirely with paper, cloth, or other material
232. ge_____te more electricity *v.* to produce or create something; to make offspring by reproduction
233. cus_____de furniture *adj.* made to order or custom-designed for a particular customer or client, tailored to meet individual needs or specifications
234. sym_____al pattern *adj.* having similarity in size, shape, and relative position of corresponding parts
235. con_____ion ceremony *n.* the act of carrying something on over time without interruption
236. chest per_____on *n.* the section of an orchestra or band that plays instruments such as drums, cymbals, and tambourines; the action of striking something to produce a sound
237. con_____ty of service *n.* the state or quality of being continuous, uninterrupted, or consistent; the maintenance of a connection, sequence, or pattern
238. int_____ary debris *adj.* relating to or occurring between planets, particularly regarding space travel or communication
239. self-int_____ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

ANSWERS: 230. orangutan, 231. wrap, 232. generate, 233. custom-made, 234. symmetrical, 235. continuation, 236. percussion, 237. continuity, 238. interplanetary, 239. introduction

240. directly int_____ect with those systems *v.* to connect similar things
241. int_____ion education *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
242. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
243. answer questions ind_____lly *adv.* separately or apart from others
244. pe__y stock *n.* a small denomination of currency or coin, typically the smallest unit of a currency system; in the US, a coin worth one cent
245. b_b a quick curtsy *v.* to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders
246. st_____te the nervous system *v.* to encourage something to develop or become more active; to stir the feelings or emotions
247. wh_____e for help *v.* to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound

ANSWERS: 240. interconnect, 241. introduction, 242. addition, 243. individually, 244. penny, 245. bob, 246. stimulate, 247. whistle

248. carbon fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
249. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
250. sy___l color *n.* something visible that is used to represent something else
251. alien spa_____ft *n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
252. in_____te into the existing system *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
253. the rem_____le breadth of knowledge *adj.* worthy of attention because unusual or special
254. strong and co_____ed sales staff *adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something
255. an energy eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
256. se_____nt robots *adj.* having the ability to perceive or feel things, particularly through sense perception like touch or sight, especially at higher levels of intelligence and consciousness
257. ter_____on notice *n.* the process or act of bringing something to an end or conclusion; an end or conclusion of something

ANSWERS: 248. fiber, 249. incredibly, 250. symbol, 251. spacecraft, 252. integrate, 253. remarkable, 254. committed, 255. efficiency, 256. sentient, 257. termination

258. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
259. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
260. tight f__t *n.* a hand with the fingers clenched tightly into the palm to form a hard rounded shape; an act of striking someone or something with the fist
261. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
262. me_____n name *v.* to speak or write about something or someone briefly
263. im_____e animal sounds *v.* to copy the speech, behavior, appearance, etc. of someone or something
264. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
265. co___r degree *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
266. par_____te in the program *v.* to take part in something
267. en___h public services *v.* to make better or improve in quality by adding something else
268. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 258. experiment, 259. brain, 260. fist, 261. opportune, 262. mention, 263. imitate, 264. amazing, 265. confer, 266. participate, 267. enrich, 268. develop

269. su____ly attacked by an enemy *adv.* quickly and unexpectedly
270. 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
271. financial ind_____nce *n.* freedom from another's or others' control or influence
272. a seafaring na___n *n.* a large organized community of people living in a particular country or region and having a particular culture
273. ind_____lly designed product *adv.* separately or apart from others
274. tre_____us amount *adj.* very great in degree or extent or amount or impact; extremely good
275. ou__o him in trickery *v.* to do better than someone; to surpass
276. the imp_____on of a word *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
277. raise public aw_____ss *n.* the fact or state of knowing something exists and is important
278. em_____al distress *adj.* relating to people's feelings
279. sy___l for happiness *n.* something visible that is used to represent something else
280. human activities int_____ect with the environment *v.* to connect similar things
281. inc_____le amount *adj.* unbelievable; enormous
282. field of artificial int_____nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons

ANSWERS: 269. suddenly, 270. strike, 271. independence, 272. nation, 273. individually, 274. tremendous, 275. outdo, 276. implication, 277. awareness, 278. emotional, 279. symbol, 280. interconnect, 281. incredible, 282. intelligence

283. pre_____ic times *adj.* belonging to or existing in times before recorded history; no longer fashionable
284. endangered bo____o *n.* a species of great ape that is native to the Congo Basin in Africa, known for its intelligence, social behavior, and peaceful temperament
285. su_____nd a town *v.* to be all around something or somebody
286. arc_____ure design *n.* the art and science of designing and constructing buildings
287. an int_____ve device *adj.* acting reciprocally; mutually responsive
288. ad_____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
289. die su_____ly *adv.* quickly and unexpectedly
290. severe cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
291. cl_____y a goal *v.* to make something, such as a statement or situation, less confusing and more understandable
292. control my em_____n *n.* a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others
293. st_____te the economy *v.* to encourage something to develop or become more active; to stir the feelings or emotions
294. sp_____ng machine *n.* the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn

ANSWERS: 283. prehistoric, 284. bonobo, 285. surround, 286. architecture, 287. interactive, 288. advance, 289. suddenly, 290. critic, 291. clarify, 292. emotion, 293. stimulate, 294. spinning

295. re_____nt nature *adj.* disposed to be silent or uncommunicative; restrained or reluctant to speak; inclined to keep one's thoughts or feelings to oneself
296. or_____an arm *n.* a large long-armed ape with red-brown hair that lives in Borneo and Sumatra and has arboreal habits
297. ke_____rd instruments *n.* device consisting of a set of keys on a piano, typewriter, computer, etc., that you press to make it work
298. business ren_____us *n.* a meeting or appointment that has been arranged beforehand; a gathering of people in a pre-arranged location
299. exp_____tal design *adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
300. t_y box *n.* a thing, typically a small model or replica of something that is played with, especially by children
301. 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
302. in_____ue against his rival *v.* to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone
303. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager

ANSWERS: 295. reticent, 296. orangutan, 297. keyboard, 298. rendezvous, 299. experimental, 300. toy, 301. jam, 302. intrigue, 303. excite

304. gr__m duties v. to clean, brush, and care for the fur or feathers of an animal; to prepare oneself or someone else for a special event or occasion; to make something neat; (noun, also "bridegroom") a man who is about to be married or has recently been married
305. ex_____ng news *adj.* causing a lot of interest or excitement
306. sym_____al triangle *adj.* having similarity in size, shape, and relative position of corresponding parts
307. em_____e an opportunity v. to accept something willingly and enthusiastically; (noun) the act of clasping another person in the arms as in greeting or affection
308. in___e guests v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
309. 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
310. research on co_____ve psychology *adj.* of or relating to mental processes of understanding
311. afraid to show em_____n *n.* a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others
312. 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

ANSWERS: 304. groom, 305. exciting, 306. symmetrical, 307. embrace, 308. invite, 309. jam, 310. cognitive, 311. emotion, 312. discovery

313. chaotic env_____nt
314. m_r the reputation
315. At_____ic breeze
316. con_____ion to society
317. follow a di_____nt path
318. in___e criticism
319. fu_____on properly
- n.* the natural world such as air, water, and land in which humans, animals, and plants live
- v.* to damage or spoil the appearance or surface of something
- 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
- n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
- adj.* different or becoming different from another or a standard; tending to move apart in different directions
- v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 313. environment, 314. mar, 315. Atlantic, 316. contribution, 317. divergent, 318. invite, 319. function

320. short video c__p *n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip
321. a prodigious vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
322. vi___l navigation *adj.* relating to seeing or sight
323. eventually pe__r out *v.* to fail or lose power, efficiency, or value gradually before coming to an end
324. bot_____se turtle *adj.* a type of dolphin that has a distinctive bottle-shaped snout; anything that is characterized by a similar shape or appearance
325. enc_____ng sign *adj.* giving hope, confidence, or support; inspiring
326. the imp_____on in a crime *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
327. re_____nt response *adj.* disposed to be silent or uncommunicative; restrained or reluctant to speak; inclined to keep one's thoughts or feelings to oneself
328. ind_____us student *adj.* hardworking, diligent, and persistent in effort
329. co_____ll potential leads *v.* to make an unsolicited phone call or visit to a potential customer or client who has not expressed any prior interest or given permission for such contact to offer a product or service

ANSWERS: 320. clip, 321. vision, 322. visual, 323. peter, 324. bottlenose, 325. encouraging, 326. implication, 327. reticent, 328. industrious, 329. cold-call

330. fou_____on course
- n.* the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes
331. draft a pr_____ol
- n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement
332. the user in_____ce
- n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
333. oc___e range
- n.* a musical interval encompassing eight diatonic scale degrees, such as the interval from C to the next C in a C major scale
334. peace co_____ss
- n.* a formal meeting of the representatives of different countries, constituent states, organizations, trade unions, political parties, or other groups
335. co___r honor
- v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
336. se_____nt beings
- adj.* having the ability to perceive or feel things, particularly through sense perception like touch or sight, especially at higher levels of intelligence and consciousness

ANSWERS: 330. foundation, 331. protocol, 332. interface, 333. octave, 334. congress, 335. confer, 336. sentient

337. em_____al health *adj.* relating to people's feelings
338. end_____ed species *adj.* at risk of extinction because it is facing significant threats
339. de___d against a threat *v.* to protect someone or something from attack, criticism, danger, etc.
340. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
341. the ul_____te luxury *adj.* furthest or highest in degree or order
342. a hand sc___t *n.* a written text of a film, play, broadcast, or speech; something written by hand
343. wh_____e a tune *v.* to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound
344. the influence of mec_____al action *adj.* operated by a machine, relating to or concerned with machinery or tools
345. in_____ng stories *adj.* stimulating and motivating you to want to do something
346. cl_____y his feelings *v.* to make something, such as a statement or situation, less confusing and more understandable
347. surgical int_____ion *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
348. al__n fungi *n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere

ANSWERS: 337. emotional, 338. endangered, 339. defend, 340. incredibly, 341. ultimate, 342. script, 343. whistle, 344. mechanical, 345. inspiring, 346. clarify, 347. intervention, 348. alien

349. just getting un_____ay *adj.* having started and currently in progress
350. end of the first qu_____r *n.* one of four equal parts; a fourth part or portion
351. resident al__ns *n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere
352. re_____se a speech *v.* to practice or repeat something, such as a performance, speech, or action, to prepare for an event or to improve one's skills; to go through the motions of a planned activity before executing it
353. cus_____de car *adj.* made to order or custom-designed for a particular customer or client, tailored to meet individual needs or specifications
354. an int_____nce test *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons

ANSWERS: 349. underway, 350. quarter, 351. alien, 352. rehearse, 353. custom-made, 354. intelligence

Session 3: Fill in the Blanks

1. The _____ to the new class was informative and engaging.
n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
2. The investigation _____ several government agencies and is expected to take several months.
v. to include or affect someone or something as a necessary part of something else
3. There has been a gradual but steady rise in environmental _____.
n. the fact or state of knowing something exists and is important
4. The forest was recently designated a _____ area.
n. the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
5. The bride wore a _____ dress that was designed to fit her perfectly.
adj. made to order or custom-designed for a particular customer or client, tailored to meet individual needs or specifications
6. 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
7. The archaeologist found a hieratic Egyptian _____ on a stone monument.
n. a written text of a film, play, broadcast, or speech; something written by hand

ANSWERS: 1. introduction, 2. involves, 3. awareness, 4. conservation, 5. custom-made, 6. relations, 7. script

8. The government _____ regulated the country's food and drug safety standards.
- n.* an organization or business that is responsible for specific activities or services, especially when representing other organizations or businesses; the capacity or power to act or exert influence; the ability to make decisions and take action
9. It's important to _____ your strengths and weaknesses.
- v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
10. We want to _____ you to our annual charity event.
- v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
11. Animals such as dolphins and elephants are highly _____ and intelligent creatures.
- adj.* having the ability to perceive or feel things, particularly through sense perception like touch or sight, especially at higher levels of intelligence and consciousness
12. A _____ engineer is still in demand in many companies.
- adj.* operated by a machine, relating to or concerned with machinery or tools
13. The employee _____ the promotion for their hard work and dedication.
- v.* to be worthy of or entitled to something, especially something good or valuable
14. Mozart was an _____ prodigy.
- n.* a baby or very young child
15. This company is faced with a _____ of problems.
- n.* a large number of things or people

ANSWERS: 8. agency, 9. recognize, 10. invite, 11. sentient, 12. mechanical, 13. deserved, 14. infant, 15. multitude

16. The human-crewed _____ successfully landed on the moon, fulfilling its mission.

n. a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

17. She made a facial _____ to express disagreement.

n. a movement of the hands, head, or face that express a particular meaning

18. The campaign ad was designed with bright colors and bold fonts for maximum _____ impact.

adj. relating to vision or the eyes; relating to or involving light or optics

19. Our company is strongly _____ to meeting customers' needs.

adj. willing to put in a lot of effort, time, and energy into something; firmly believing in something

20. Her response revealed _____ idiocy.

adj. unbelievable; enormous

21. The professor focused on the research of infant _____.

n. the psychological process of perception and learning and reasoning; the mental action or process by which knowledge and understanding are developed in the mind

22. His poem has a very significant _____.

n. something that is inferred or indirectly stated; the act or fact of being involved in something

23. The phone rang at the most _____ time.

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 16. spacecraft, 17. gesture, 18. optic, 19. committed, 20. incredible, 21. cognition, 22. implication, 23. opportune

24. The scientist studied the behavior of _____ in the wild.
n. a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
25. _____ robots that can cooperate with humans have limited motor output for safety.
adj. having the capacity for thought and reason, especially to a high degree
26. The _____ for applying for a visa can be lengthy and complicated.
n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
27. _____ all the parties signed the contract.
adv. almost completely
28. We can hear an _____ piano melody from his room.
adj. extremely beautiful and delicate
29. The woods _____ the house.
v. to accept something willingly and enthusiastically; (noun) the act of clasping another person in the arms as in greeting or affection
30. The _____ on the child's faces when they received the toy was priceless.
n. a feeling of great pleasure or happiness
31. Scientists often fail to date archeological or _____ findings.
adj. belonging to or existing in times before recorded history; no longer fashionable

ANSWERS: 24. apes, 25. Intelligent, 26. process, 27. Virtually, 28. exquisite, 29. embrace, 30. delight, 31. prehistorical

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

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

33. Advocates for legal reform hear less harsh words from their _____.

n. someone who expresses opinions about the quality of books, music, etc.

34. Please strike the "enter" on the _____.

n. device consisting of a set of keys on a piano, typewriter, computer, etc., that you press to make it work

35. _____ dolphins are known for their intelligence and social behavior.

adj. a type of dolphin that has a distinctive bottle-shaped snout; anything that is characterized by a similar shape or appearance

36. 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

37. The golfer recorded an _____ distance.

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

38. Human _____ responses vary widely depending on the society to which they belong.

adj. relating to people's feelings

39. The company has a strict _____ for handling sensitive information to ensure security.

n. a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement

ANSWERS: 32. endangered, 33. critics, 34. keyboard, 35. Bottlenose, 36. jams, 37. amazing, 38. emotional, 39. protocol

40. The building makes a remarkable _____ impact.

adj. relating to seeing or sight

41. His _____ faculties were getting worse because of a lack of sleep.

adj. of or relating to mental processes of understanding

42. 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

43. The _____ of the building was cracked and needed to be repaired.

n. the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes

44. The mystery _____ as the detectives gathered more clues.

v. to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown

45. The artist's innovative style of work _____ me.

v. to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone

46. Management must take _____ responsibility for the accident.

adj. furthest or highest in degree or order

47. The police tried to _____ the facts concerning her death.

v. to make something, such as a statement or situation, less confusing and more understandable

ANSWERS: 40. visual, 41. cognitive, 42. device, 43. foundation, 44. unfolded, 45. intrigues, 46. ultimate, 47. clarify

48. This project has been _____ for several years.

adj. having started and currently in progress

49. The prime minister had to reconcile _____ opinions on controversial issues like abortion.

adj. different or becoming different from another or a standard; tending to move apart in different directions

50. He was given _____ for his outstanding work in the field of medicine.

n. the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal

51. The _____ of his employment was due to repeated violations of company policy.

n. the process or act of bringing something to an end or conclusion; an end or conclusion of something

52. 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

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

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

54. The music just _____ out.

v. to fail or lose power, efficiency, or value gradually before coming to an end

55. The test results were _____ and showed improvement.

adj. giving hope, confidence, or support; inspiring

ANSWERS: 48. underway, 49. divergent, 50. recognition, 51. termination, 52. launch, 53. lab, 54. petered, 55. encouraging

56. Our _____ point was the coffee shop on the corner.
- n.* a meeting or appointment that has been arranged beforehand; a gathering of people in a pre-arranged location
57. _____ the bandage tightly around the injured arm.
- v.* to cover or enclose something entirely with paper, cloth, or other material
58. He should _____ more with his colleagues.
- v.* to communicate or react with somebody
59. He planned to _____ the organization for negligence.
- v.* to claim a person or organization, especially by filing a legal claim for money or redress
60. The researcher found new species of _____ on the island.
- n.* a large long-armed ape with red-brown hair that lives in Borneo and Sumatra and has arboreal habits
61. This figure is _____ about the x-axis.
- adj.* having similarity in size, shape, and relative position of corresponding parts
62. The singer's range was impressive, covering three _____ with ease.
- n.* a musical interval encompassing eight diatonic scale degrees, such as the interval from C to the next C in a C major scale
63. The _____ nest is a fascinating structure made from twigs, grass, and other natural materials
- n.* a bird with black and white plumage, native to Europe and Asia, known for its chattering, thieving, and hoarding tendencies; a person who collects or hoards various items, especially those that have little value or practical use to others

ANSWERS: 56. rendezvous, 57. Wrap, 58. interact, 59. sue, 60. orangutan, 61. symmetrical, 62. octaves, 63. magpie's

64. After the airing of the TV commercial, many people accessed the website, and the _____ went down.
- n.* a computer program or a device from which other computers get information; a person who serves food in a restaurant
65. We must consume dietary _____ to maintain good health.
- n.* thread or filament used to make a vegetable tissue, mineral material, or textile
66. The _____ of the two groups is good for brainstorming.
- n.* the act of connecting with someone, mainly when working, playing, or spending time with them
67. Her concept is highly _____ and helpful.
- adj.* of or connected with actual use or real situation rather than with theory and ideas
68. He has also won many marketing _____ awards.
- n.* the quality of being extremely good
69. I found a lucky _____ on the ground while walking to work this morning.
- n.* a small denomination of currency or coin, typically the smallest unit of a currency system; in the US, a coin worth one cent
70. She took a _____ class at the gym to improve her cardiovascular fitness.
- n.* the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn
71. The dragon is considered a _____ of bravery.
- n.* something visible that is used to represent something else

ANSWERS: 64. server, 65. fiber, 66. interaction, 67. practical, 68. excellence, 69. penny, 70. spinning, 71. symbol

72. He was always _____ about his personal life and rarely shared any details with others.

adj. disposed to be silent or uncommunicative; restrained or reluctant to speak; inclined to keep one's thoughts or feelings to oneself

73. I accidentally _____ my elbow on the door frame while walking through.

v. to strike or hit hard, often with a blunt object or a fist; to criticize harshly or with force; to hold a social gathering or party, often involving loud music or revelry; (noun) a lively, informal party or gathering, often characterized by loud music, dancing, and socializing

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

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

75. Each department has done its product costing _____.

adv. separately or apart from others

76. The brain is an incredibly complex organ that controls the body's _____.

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

77. The website's _____ is where all the data processing and storage happens.

n. the part of a system or technology that is not directly visible to the user but which handles data processing, storage, retrieval, and other behind-the-scenes tasks; the operational aspects of a company or project that are not visible to customers or end-users

ANSWERS: 72. reticent, 73. bashed, 74. interspecies, 75. individually, 76. function, 77. back-end

78. _____ and weather have an impact on every part of our lifestyles.
n. the weather in a particular location averaged over some long period
79. 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
80. Reading not only increases knowledge but also _____ life.
v. to make better or improve in quality by adding something else
81. The corporation _____ dominated the entire tobacco business.
adv. finally, particularly after a long time or a lot of struggle, complications, and so on
82. X-rays revealed a small tumor in his _____.
n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling
83. The city is known for its impressive _____ and beautiful old buildings.
n. the art and science of designing and constructing buildings
84. Aging societies tend to require huge costs for _____ maintenance.
n. the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
85. This world-class _____ offers educational programs for school groups.
n. a transparent tank of water in which fish and other water animals and plants are kept; a building containing tanks of live fish of different species, especially one that is open to the public

ANSWERS: 78. Climate, 79. strike, 80. enriches, 81. eventually, 82. brain, 83. architecture, 84. infrastructure, 85. aquarium

86. The nonprofit organization's _____ program helps the homeless community by providing necessities.
- n.* an effort to extend help or services to people who may not be aware of them, often in a targeted manner; the process of establishing connections and communication with a wider community or audience; (verb) to reach out or make contact with people or groups to offer help, support, or information
87. The boxer clenched his _____ before throwing a punch.
- n.* a hand with the fingers clenched tightly into the palm to form a hard rounded shape; an act of striking someone or something with the fist
88. Our system can now _____ with other databases.
- v.* to connect similar things
89. Our company must continue to strive for greater _____.
- n.* the state or quality of doing something well with no waste of input such as time or money
90. 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
91. I had to _____ potential clients to promote my new business.
- v.* to make an unsolicited phone call or visit to a potential customer or client who has not expressed any prior interest or given permission for such contact to offer a product or service
92. _____ must consider this proposal in an unusual situation.
- n.* a formal meeting of the representatives of different countries, constituent states, organizations, trade unions, political parties, or other groups

ANSWERS: 86. outreach, 87. fist, 88. interconnect, 89. efficiency, 90. discovery, 91. cold-call, 92. Congress

93. The Milky Way _____ has numerous water-bearing planets.

- n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

94. He became _____ that he was being followed.

- adj.* being aware of and able to respond to what is happening around you

95. The _____ sanctuary is dedicated to protecting and rehabilitating these endangered primates.

- n.* a species of great ape that is native to the Congo Basin in Africa, known for its intelligence, social behavior, and peaceful temperament

96. I need to _____ my dog before his fur gets too long.

- v.* to clean, brush, and care for the fur or feathers of an animal; to prepare oneself or someone else for a special event or occasion; to make something neat; (noun, also "bridegroom") a man who is about to be married or has recently been married

97. I am _____ to waking up early for work.

- adj.* familiar with; used to; in the habit of; having become habituated to something, often a behavior or situation

98. We _____ the number of students per course to twenty.

- v.* to limit someone's actions or movements, or to limit something to lessen its size or prevent it from increasing

99. The book _____ my imagination.

- v.* to encourage something to develop or become more active; to stir the feelings or emotions

ANSWERS: 93. galaxy, 94. conscious, 95. bonobo, 96. groom, 97. accustomed, 98. restrict, 99. stimulated

100. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
- v.* to force, take, or pull apart; mark as different
101. The majority of students actively _____ in the college's intramural sports program.
- v.* to take part in something
102. On three sides, mountains _____ the settlement.
- v.* to be all around something or somebody
103. 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
104. There is nothing more valuable than _____ and freedom.
- n.* freedom from another's or others' control or influence
105. You must _____ and struggle on the court to win an acquittal.
- v.* to cause someone to move quickly by pushing them in a rough, aggressive way
106. The new video game has an _____ storyline that allows players to make choices that affect the game's outcome.
- adj.* acting reciprocally; mutually responsive
107. 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

ANSWERS: 100. separate, 101. participated, 102. surround, 103. intelligence, 104. independence, 105. hustle, 106. interactive, 107. environment

108. His _____ showed highly positive results.

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

109. The election was a _____ success for the Whigs.

adj. worthy of attention because unusual or special

110. He tried to _____ his experience to the group, but they couldn't understand.

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

111. _____ longitude is measured in degrees east or west of the Prime Meridian.

adj. of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

112. In _____ private corporations provide healthcare services.

n. the act or process of adding something to something else; the process of adding numbers

113. The actors needed to _____ their lines before the performance.

v. to practice or repeat something, such as a performance, speech, or action, to prepare for an event or to improve one's skills; to go through the motions of a planned activity before executing it

114. I _____ to him that I had seen his sister at the grocery store earlier that day.

v. to speak or write about something or someone briefly

115. Most countries prohibit sexual activity between certain close _____.

adj. considered and evaluated through comparison with something else

ANSWERS: 108. experiments, 109. remarkable, 110. relate, 111. Terrestrial, 112. addition, 113. rehearse, 114. mentioned, 115. relatives

116. The present economic policy is a _____ of the preceding one.
n. the act of carrying something on over time without interruption
117. We all should learn how to _____ stress.
v. to deal with a situation, problem, or strong emotion
118. 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
119. He is good at swimming _____.
adv. below or under the surface of the water
120. The scratches on the car _____ its otherwise perfect appearance.
v. to damage or spoil the appearance or surface of something
121. Scientists are working on developing _____ travel to explore other planets in our solar system.
adj. relating to or occurring between planets, particularly regarding space travel or communication
122. She keeps a _____ in a birdcage as a pet.
n. a tropical bird with a curved beak and the ability to mimic sounds, often kept as a pet and trained to copy the human voice
123. I need to ____ my head to the beat of the music.
v. to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders

ANSWERS: 116. continuation, 117. handle, 118. engaged, 119. underwater, 120. marred, 121. interplanetary, 122. parrot, 123. bob

124. Detergent weakens the surface tension at the _____ of two liquids.
- n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
125. This system uses submarine _____ to exchange information between continents.
- n.* a set of wires covered by plastic or rubber that carries electricity, phone signals, etc.; a solid thick rope made of twisted hemp or steel wire
126. The company's new software is highly _____ allowing it to handle increasing number of users.
- adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
127. The _____ in a forest can be measured by collecting and weighing all living plants within a specific area.
- n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
128. He _____ the modus operandi of the famous phantom thief.
- v.* to copy the speech, behavior, appearance, etc. of someone or something
129. Scientific knowledge will _____ significantly with the power of AI.
- v.* to go or move forward; to develop in a positive way
130. 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

ANSWERS: 124. interface, 125. cables, 126. scalable, 127. biomass, 128. imitated, 129. advance, 130. Atlantic

131. The _____ of Japan is known for its unique culture and advanced technology.

n. a large organized community of people living in a particular country or region and having a particular culture

132. This _____ does not require the patient's consent.

n. the action or process of being done to improve or help a circumstance, often they have not been asked to do so

133. The findings of the experiment were both _____ and unexpected.

adj. causing a lot of interest or excitement

134. The news of her promotion _____ her.

v. to make someone feel suddenly enthusiastic or eager

135. We had a _____ time yesterday.

adj. very great in degree or extent or amount or impact; extremely good

136. He never _____ his fault.

v. to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;

137. She is highly _____ with medical equipment.

adj. having or showing knowledge and skill and aptitude to do something quite difficult

138. Who answers _____ knows little.

adv. quickly and unexpectedly

ANSWERS: 131. nation, 132. intervention, 133. exciting, 134. excited, 135. tremendous, 136. acknowledged, 137. adept, 138. suddenly

139. He was exhausted and _____ into bed as soon as he got home.

v. to move in a particular direction by turning over and over or from side to side

140. Several cities are experiencing _____ high unemployment rates.

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

141. The employee decided to _____ on the company's illegal activities.

v. to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound

142. We decided to take a detour to avoid the construction _____ on the main road.

n. the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time

143. What do you _____ the culprit's motive was?

v. to think that something is likely to be actual or possible

144. The mechanic adjusted the ____ mechanism to improve the engine's performance.

n. a device or mechanism that converts rotary motion to linear motion or vice versa; a revolving cylinder with an irregular shape used in machinery to convert rotary motion into intermittent or reciprocating motion; an abbreviation for camera

145. The actor could _____ a wide range of emotions on screen, earning them critical acclaim.

v. to communicate through facial expressions, gestures, and body language to express strong feelings or emotions

ANSWERS: 139. rolled, 140. incredibly, 141. whistle-blow, 142. traffic, 143. suppose, 144. cam, 145. emote

146. 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

147. He found that it is difficult to _____ socially.

- v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

148. We would _____ an early reply.

- v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone

149. This electronic _____ is required to undergo periodic inspections to ensure precision.

- n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work

150. He gave his daughter a new ____ for her birthday.

- n.* a thing, typically a small model or replica of something that is played with, especially by children

151. The comedian's ____ had the audience laughing out loud.

- n.* a humorous play on words or use of words that sound similar but have different meanings, often for a comedic effect; a form of wordplay

152. 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

ANSWERS: 146. planet, 147. integrate, 148. appreciate, 149. instrument, 150. toy, 151. pun, 152. triangle

153. His _____ to the charity was a generous donation of money.
n. the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
154. They study the _____ of the universe.
n. a gradual process of transformation of living things
155. Some _____ are common across cultures and backgrounds.
n. a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others
156. An _____ teacher might spark students' motivation to succeed.
adj. stimulating and motivating you to want to do something
157. Driving is difficult for me because of my poor _____.
n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
158. The _____ section is an essential part of the band's sound.
n. the section of an orchestra or band that plays instruments such as drums, cymbals, and tambourines; the action of striking something to produce a sound
159. The unemployment rate in the first _____ was 2.3 percentage points higher than in the previous.
n. one of four equal parts; a fourth part or portion
160. He fastens some sheets of paper with a _____.
n. a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip

ANSWERS: 153. contribution, 154. evolution, 155. emotions, 156. inspiring, 157. vision, 158. percussion, 159. quarter, 160. clip

161. His membership in the _____ provided him with numerous benefits.
- n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
162. The _____ babies were born premature and needed extra care.
- n.* a group of three things or people, especially three babies born at the same time from the same pregnancy
163. The economic stimulation program would _____ a lot of new jobs.
- v.* to produce or create something; to make offspring by reproduction
164. The large group of _____ swam gracefully in the ocean, jumping out of the water now and then.
- n.* a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid
165. The _____ of getting the disease will drastically increase.
- n.* a chance that something may happen or be true
166. The rocket engine is used to put the satellite into _____.
- n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels
167. The author discovered that the _____ had inserted several unique interpretations into his book.
- n.* a person whose job is restating written messages from one language to another

ANSWERS: 161. association, 162. triplet, 163. generate, 164. dolphins, 165. possibility, 166. orbit, 167. translator

168. A technique called deep learning has led to _____ in AI.
- n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
169. The product is still in the _____ stage.
- adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
170. We must _____ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
171. _____ species have drastically altered the ecosystem in this area.
- n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere
172. International law allows each nation to _____ itself when its rights and interests are illegally violated.
- v.* to protect someone or something from attack, criticism, danger, etc.
173. He was known to be very _____ and would often work late into the night.
- adj.* hardworking, diligent, and persistent in effort
174. The sudden departure of the team leader disrupted the project's _____.
- n.* the state or quality of being continuous, uninterrupted, or consistent; the maintenance of a connection, sequence, or pattern
175. The leaders of the two countries met to _____ on the issue.
- v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

ANSWERS: 168. breakthroughs, 169. experimental, 170. develop, 171. Alien, 172. defend, 173. industrious, 174. continuity, 175. confer

176. 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

177. He tried to _____ his rival by breaking the world record.

- v. to do better than someone; to surpass

ANSWERS: 176. communicate, 177. outdo