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Shane Campbell-Staton: How life on Earth adapts to you and me | TED Talk

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

All Words

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Session 1: Word List

evolutionary

adj. relating to or denoting how living things develop or change from earlier forms

synonym: developmental, mutative, transformative

(1) ecology and **evolutionary** biology, (2) the **evolutionary** process

Evolutionary algorithms can find ways to optimize that humans do not anticipate.

biology

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

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

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

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.

branch

n. a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

synonym: limb, twig, bough

(1) **branch** office, (2) a **branch** pipe

The **branch** of the tree had fallen and blocked the road.

chuck

v. to throw something carelessly or casually; to get rid of something or someone

synonym: toss, throw, discard

(1) **chuck** the ball across the yard, (2) **chuck** my job

I will **chuck** these old shoes in the trash and buy a new pair.

propose

v. to make a proposal, declare a plan for something

synonym: suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes

I want to **propose** a toast in honor of our longstanding relationship.

gradual

adj. happening slowly over a long period of time or distance; not steep or abrupt

synonym: incremental, gradational, piecemeal

(1) a **gradual** process, (2) a **gradual** change

The country experienced a **gradual** increase in population.

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.

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.

trim

v. to make neat or tidy by clipping, cutting, or pruning away excess or unwanted parts; to adjust or modify to improve efficiency or performance

synonym : cut, pare, prune

(1) **trim** a dog's nails, (2) **trim** the budget

I must **trim** the bushes in my front yard before they get too overgrown.

shuffle

v. to move or mix around in a casual or unorganized way; to walk with short, dragging steps

synonym : jumble, muddle, rearrange

(1) **shuffle** deck, (2) **shuffle** from side to side

She **shuffled** the cards before dealing them to the players.

breakneck

adj. extremely fast and reckless; dangerous and high-speed

synonym : risky, perilous, hazardous

(1) **breakneck** acceleration, (2) **breakneck** pace

She drove at a **breakneck** speed, despite the dangerous conditions on the road.

manipulate

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

synonym : control, exploit, abuse

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

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

domesticate

v. to take control of animals or plants to provide food, power, or company

synonym : tame, naturalize, cultivate

(1) easy to **domesticate**, (2) **domesticate** the plant

We **domesticate** cows to gain milk and meat.

mass

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

synonym : abundance, crowd, mob

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

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

transport

n. a system for moving people or products from one location to another using automobiles, roads, and so on
synonym: shipment, transit, conveyance

(1) **transport** facilities, (2) access to public **transport**

Enhanced rail **transportation** is crucial for our business.

globe

n. the earth or world, mainly used to emphasize its vastness

synonym: Earth, world, sphere

(1) terrestrial **globe**, (2) around the **globe**

His final goal is to sail around the **globe**.

ecology

n. the study of the relationships between living organisms, including humans, and their physical environment

(1) science of **ecology**, (2) the **ecology** of the island

Many companies are now enthusiastically embracing the knowledge of **ecology** for sustainable development.

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.

fundamental

adj. forming an essential base or core from which everything else develops or is affected

synonym: basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

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.

industrialize

v. to organize the production of something into an industry
synonym: motorize

(1) **industrialize** service, (2) **industrialized** textile production

The nations of South East Asia will quickly **industrialize** and catch up with the West.

agriculture

n. the practice or science of cultivating the land or raising stock

synonym: farming, husbandry, agribusiness

(1) organic **agriculture**, (2) intensive **agriculture**

Agriculture is the foundation of our economy.

urbanization

n. the process of population growth and physical expansion of cities, often involving increased migration from rural areas and the development of urban infrastructure and culture

synonym: urban development, urban growth, urban expansion

(1) **urbanization** process, (2) non- **urbanization** area

Rapid **urbanization** has led to many environmental and social issues in cities.

pollution

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

synonym: corrosion, deterioration, corruption

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

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

dedicate

v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

synonym: consecrate, devote, commit

(1) **dedicate** a few hours, (2) **dedicate** a chapter to the

subject

He **dedicated** his life to helping others.

footprint

n. a mark of a foot, shoe, or animal's foot left on a surface

synonym: footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

paradox

n. a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

synonym: incongruity, dichotomy, contradiction

(1) French **paradox**, (2) the **paradox** of the heap

There are many theories to explain this **paradox**.

simultaneously

adv. at the same time

synonym: concurrently, coincidentally, together

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

Two students answered the teacher's question **simultaneously**.

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.

fragile

adj. delicate or easily broken or damaged

synonym: delicate, brittle, breakable

(1) politically **fragile** nation, (2) **fragile** ecosystem

The vase was made of **fragile** ceramic and easily broke when it was dropped.

relentless

adj. persistent and determined; continuing despite difficulties or setbacks

synonym : unyielding, tireless, unremitting

(1) **relentless** attack, (2) face **relentless** pressure

The athlete's **relentless** training paid off in the end.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym : robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population

She is a **resilient** person and has always bounced back from setbacks.

impressive

adj. arousing admiration due to size, quality, or skill

synonym : impactful, remarkable, exceptional

(1) **impressive** performances, (2) an **impressive** array of facts

The budget reduction was an **impressive** feat for our nation.

devastating

adj. causing a great deal of destruction or damage

synonym : destructive, annihilative, disastrous

(1) have **devastating** effects, (2) treat this **devastating** disease

This typhoon was the most **devastating** in years.

constantly

adv. all the time

synonym : continuously, always, frequently

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

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

awe

n. a feeling of respect and wonder inspired by someone or something greatly admired

synonym : wonder, amazement, reverence

(1) a feeling of **awe**, (2) in **awe** of the situation

The **awe-inspiring** mountains dominate the landscape.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

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.

evolve

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

synonym : develop, mature, grow

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

Eyeless fish **evolved** in dark caves.

adapt

v. to make fit for or change to suit a new purpose or environment

synonym : adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed

I advised him to **adapt** to his new surroundings.

define

v. to state or explain precisely the nature, scope, or meaning of something

synonym : characterize, depict, express

(1) **define** a word, (2) **define** my position

To advance this discussion, we must **define** "success" rigorously.

urban

adj. relating to or located in a town or city

synonym : metropolitan, civic

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

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

expand

v. to increase or to make something greater in size, number, or importance

synonym: extend, grow, boost

(1) **expand** a lineup, (2) **expand** agricultural output

They hope to **expand** their business worldwide.

exploit

v. to make full use of and gain an advantage from resources, opportunities, etc.

synonym: use, abuse, control

(1) **exploit** a security hole, (2) **exploit** a valuable opportunity

We **exploit** our mining resources to strengthen our national power.

novel

n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

synonym: fiction, story, (adjective) innovative

(1) historical **novel**, (2) **novel** effect

The **novel** has largely gotten positive feedback.

colleague

n. one of a group of a coworker, especially in a profession or a business

synonym: coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

lizard

n. a reptile that has a relatively long body, two pairs of legs, and a tapering tail

(1) giant **lizard**, (2) **lizard** leather

The **lizard's** tail regenerates if severed.

anole

n. a type of small, arboreal lizard native to the Americas, known for its ability to change color and its distinctive triangular head shape

synonym: chameleon, lizard, reptile

(1) tropical **anole**, (2) **anole** habitat

I spotted a small **anole** lizard hiding in the bushes.

chase

v. to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes

synonym : pursue, hunt, track

(1) **chase** a dream, (2) wild goose **chase**

The police officer **chased** the suspect through the crowded streets until they finally caught him.

insect

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

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

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

genetic

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

synonym : hereditary, genetical, inborn

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

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

limb

n. an arm and leg of a person or animal

synonym : arm, appendage, branch

(1) a prosthetic **limb**, (2) **limb** amputation

You should wrap the bandage carefully and firmly around the injured **limb**.

sticky

adj. made of or covered with an adhesive substance; hot or warm and humid

synonym : adhesive, gluey, clingy

(1) **sticky** weather, (2) **sticky** situation

A peculiar **sticky** material coated the foliage.

utilize

v. to use something for a practical purpose in an effective way

synonym : employ, use, operate

(1) **utilize** a different approach, (2) **utilize** a catheter

The cook **utilized** the leftover oxtail to make soup.

concrete

adj. existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

synonym : actual, factual, hardened

(1) a **concrete** noun, (2) **concrete** examples

The president asked for a more **concrete** plan.

tolerance

n. the willingness to accept or tolerate something, especially something that is different or unpleasant

synonym : acceptance, patience, forbearance

(1) religious **tolerance**, (2) **tolerance** for risk

The school's diversity program aimed to promote **tolerance** and understanding among the students.

temperature

n. the degree of hotness or coldness of a thing or place

synonym : climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric **temperature**

Cities around the world set records for highest **temperatures** this summer.

dense

adj. containing a large number of people or something with little space between them

synonym : heavy, thick, idiotic

(1) nutrient- **dense** foods, (2) **dense** forests

The entire mountain is covered in **dense** rainforest.

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**.

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.

predictable

adj. capable of being known, seen or declared in advance

synonym: foreseeable, expectable, likely

(1) **predictable** pattern, (2) in a **predictable** manner

The economy becomes more volatile and less **predictable**.

lasting

adj. durable and enduring over time; continuing or permanent in effect

synonym: enduring, permanent, persistent

(1) **lasting** impression, (2) **lasting** impact

Their marriage was built on a foundation of love and trust, which resulted in a **lasting** relationship that spanned over fifty years.

hunt

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

synonym: chase, pursuit, quest

(1) **hunt** a job, (2) **hunt** after knowledge

Hounds **hunt** their prey by using their keen scent.

ivory

n. a hard, creamy-white substance that comes from the tusks of elephants, walruses, and some other animals and is used to make ornaments and other decorative items

synonym: elephant tusk, bone, tooth

(1) tower of **ivory**, (2) **ivory** carving

The intricate carvings on the **ivory** tusk were a work of art.

poach

- v.* to illegally hunt, fish, or take wildlife from private or protected land or waters without permission; to cook food by gently simmering it in a liquid, often with added spices or seasonings

synonym : steal, snatch

- (1) **poach** on his land, (2) **poach** deer

The chef **poached** the eggs perfectly for the benedict breakfast dish.

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.

trademark

- n.* a name or symbol on a product that indicates it was made by a particular company and cannot be used without permission by other companies

synonym : brand, label, hallmark

- (1) **trademark** license, (2) assign a **trademark**

The company's logo is a registered **trademark** on a global scale.

tusk

- n.* a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging

synonym : ivory, tush, horn

- (1) **tusk** of an elephant, (2) **tusk-like** tooth

The ivory poacher was arrested for possession of illegal **tusks**.

circumstance

- n.* the specific conditions or events that surround a particular situation or occurrence

synonym : condition, context, environment

- (1) **circumstance** of birth, (2) **circumstance** of injury

She explained the **circumstances** surrounding the accident.

vast

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

synonym: expansive, extended, boundless

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

A **vast** audience viewed the broadcast.

survive

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

synonym: endure, persist, stay

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

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

individual

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

synonym: person, being, self

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

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

specifically

adv. only associated with or meant for one thing

synonym: especially, particularly, notably

(1) designed **specifically** for men, (2) for **specifically**

American customers

This ad campaign is aimed **specifically** at young women.

trait

n. a particular feature of your nature

synonym: attribute, feature, quality

(1) chemical **trait**, (2) personality **traits**

Multiple genes may influence behavioral **traits** concurrently.

decide

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

advantage

n. a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

synonym : benefit, edge, asset

(1) score an **advantage**, (2) take **advantage** of his weak points

One of the main **advantages** of the new product is its increased efficiency.

turnover

n. the amount of business or economic activity that is generated within a specific period of time; the rate at which people leave or are replaced in a job or organization, often expressed as a percentage

synonym : revenue, income, sales

(1) annual **turnover**, (2) high **turnover** rate

The bakery's **turnover** increased after it introduced a new line of pastries.

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.

capture

v. to catch a person or an animal and confine them in an area which they cannot escape

synonym : catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

collar

n. a band of material worn around the neck, typically forming part of a shirt or jacket

synonym : band, neckband

(1) **collar** of a shirt, (2) **collar** of a dog

He put on his **collar** and tie before leaving for work.

movement

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

synonym: motion, progression, action

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

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

sedate

adj. calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity

synonym: calm, composed, tranquil

(1) **sedate** atmosphere, (2) **sedate** patient

The **sedate** environment of the library was perfect for studying.

groggy

adj. weak, dizzy, or unable to think or walk well because of illness, intoxication, sleep, or blow

synonym: dizzy, dazed, foggy

(1) still **groggy** from anesthesia, (2) feel **groggy**

We were **groggy** with jet lag.

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.

slaughter

n. the killing of a large number of animals or people brutally and indiscriminately; a violent and bloody event that results in the death of many individuals

synonym: thrashing, massacre, carnage

(1) **slaughter** of animals, (2) senseless **slaughter**

The **slaughter** of endangered animals must be stopped.

grandchild

n. a child of someone's son or daughter

synonym: offspring, descendant, progeny

(1) **grandchild-grandparent** relationship, (2) **grandchild** development

The grandparents take care of their **grandchild** while the parents are at work.

matriarch

n. a woman who is the head of a family or social group; a woman who is the founder or dominant member of a group

synonym: leader, head, founder

(1) ruled by a **matriarch**, (2) **matriarch** figure

The **matriarch** of the family was known for her wisdom and guidance.

destruction

n. the act of causing so much damage to something

synonym: devastation, annihilation, ruin

(1) path of **destruction**, (2) cyclonic **destruction**

The extinction of several subspecies has been linked to climate change and habitat **destruction**.

trinket

n. a small decorative item or piece of jewelry that is often of little value or practical use but is cherished for its sentimental or aesthetic qualities

synonym: bauble, ornament, trifle

(1) vintage **trinket**, (2) cheap **trinket**

The little girl loved to collect **trinkets** and display them on her dresser.

ridiculous

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

synonym: absurd, fatuous, foolish

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

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

whim

n. a sudden idea or desire, especially one that cannot be reasonably explained

synonym: fancy, caprice, whimsy

(1) at the **whim** of circumstance, (2) **whim** of youth

He quit his job on a **whim** and moved to a new city.

struggle

v. to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

synonym: toil, strive, compete

(1) **struggle** against discrimination, (2) **struggle** to get the job

He could not **struggle** against temptation.

nonsense

n. an idea, behavior, or something spoken or written that has no meaning or makes no sense or that is silly or unacceptable

synonym: ludicrousness, gabble, absurdity

(1) talk **nonsense**, (2) sheer **nonsense**

The parents spoke to their children in no- **nonsense** tones.

insight

n. the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

synonym: wisdom, discernment, understanding

(1) a profound **insight**, (2) share my **insights**

We gained various **insights** by analyzing the vast amount of data owned by the company.

instance

n. a particular example or single occurrence of something

synonym: example, sample, illustration

(1) for **instance**, (2) notable **instance**

These articles cite five **instances** of climate change.

estimate

v. to guess or calculate the cost, size, value, etc. of something

synonym: calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh three pounds

We **estimated** the season's total trade deficit at \$50 billion.

cancer

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

synonym: tumor, carcinoma, malignancy

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

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

diagnose

v. to determine or distinguish the nature of a problem or an illness through a careful analysis

synonym: identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans

This device is used to **diagnose** brain cancer and other tumors.

mutation

n. the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

synonym: metamorphosis, transformation, alteration

(1) **mutation** of DNA, (2) hereditary **mutation**

Radiation often promotes genetic **mutations** in plants and animals.

responsible

adj. answerable or accountable for something within one's power, control, or management

synonym: accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service

She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

predispose

v. to make someone susceptible

synonym: dispose, incline

- (1) **predispose** to the development of cancer,
(2) **predispose** me to become a novelist

Her outstanding achievement **predisposes** people to like her.

variation

n. the act or state of changing; a difference or change in the way something is done, made or said

synonym : fluctuation, change, variation

- (1) **variation** of temperature, (2) gene **variation**

There is a lot of **variation** in the colors of flowers in the garden.

resistant

adj. not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

synonym : unsusceptible, immune, invulnerable

- (1) penicillin- **resistant** bacteria, (2) **resistant** to persuasion

Insects in urban areas are becoming **resistant** to insecticides.

nuclear

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

synonym : atomic

- (1) **nuclear** fusion, (2) use of **nuclear** power

Many countries have now agreed to a treaty banning the use of **nuclear** weapons.

humming

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

synonym : buzzing, droning, vibrating

- (1) **humming** sound, (2) **humming** bird

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

immediately

adv. now or without delay

synonym : directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer **immediately**

A suspension order from the court is effective **immediately**.

evacuate

v. to remove people or things from a place of danger or threat; to leave or abandon a place or situation, often due to fear or risk

synonym : empty, clear out, vacate

(1) **evacuate** the building, (2) **evacuate** civilians

The town was forced to **evacuate** due to the hurricane approaching.

exclusion

n. the act of keeping someone or something out or preventing them from participating in or being part of something

synonym : omission, isolation, bar

(1) gender **exclusion**, (2) **exclusion** criteria

The policy of **exclusion** has caused significant harm to marginalized communities.

zone

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

synonym : area, region, territory

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

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

wildlife

n. animals, birds, insects, etc. that grow independently of people and live in natural conditions

(1) **wildlife** sanctuary, (2) bird and other **wildlife**

The conservation area has an abundance of **wildlife**.

proliferate

v. to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner

synonym : multiply, spread, propagate

(1) **proliferate** cells, (2) **proliferate** weeds

The number of COVID cases continued to **proliferate** in many countries worldwide.

exposure

n. the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret

synonym : vulnerability, disclosure, uncovering

(1) a southern **exposure**, (2) the **exposure** of a fraud
The long **exposure** to the air tarnished the antique tableware.

elevate

v. to raise something from a lower to a higher position; to give a promotion to or assign to a higher position

synonym : lift, heighten, promote

(1) **elevate** educational standards, (2) **elevate** a close relationship

Eating food in a hurry **elevates** blood glucose levels.

radiation

n. the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

synonym : dissemination, emission, irradiation

(1) exposure to **radiation**, (2) electromagnetic **radiation**
He tried every possible treatment, including chemotherapy and **radiation** therapy.

pup

n. a young dog, seal, or other animals

synonym : puppy, whelp, cub

(1) **pup** company, (2) playful **pup**

The little **pup** was so cute, with big, floppy ears and a wagging tail.

prey

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

synonym : target, quarry, chase

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

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

accumulate

v. to collect or acquire a large number of things over a long period of time

synonym : amass, stash, earn

(1) **accumulate** cash value, (2) **accumulate** evidence

He has **accumulated** his wealth through real estate investments.

genome

n. the complete set or sequence of genes of a human, animal, plant, or other living things

(1) sequencing of the human **genome**, (2) **genome** analyses

The human **genome** contains approximately three billion chemical base pairs.

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.

tumor

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

synonym : neoplasm, mass, lump

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

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

immune

adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

synonym : resistant, unsusceptible, unaffected

(1) **immune** from criminal prosecution, (2) the cell of the **immune** system

The vaccination does not necessarily make you completely **immune**.

biomedical

adj. relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

synonym : medical, clinical, health-related

(1) **biomedical** assay, (2) cutting-edge **biomedical**

Biomedical engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.

physiological

adj. relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body

synonym : biological, organic, bodily

(1) **physiological** response, (2) **physiological** activity

The doctor explained the various **physiological** changes that occur during pregnancy.

therapeutic

adj. relating to or involved in the treatment of illness or injury

synonym : healing, remedial, curative

(1) **therapeutic** massage, (2) **therapeutic** administration

Yoga is known to have **therapeutic** benefits for the mind and body.

grand

adj. important and large in size, scope, or extent

synonym : impressive, great, ambitious

(1) a **grand** meal, (2) **grand** bargain

This year's **grand** gathering will be held in Canada.

brand

n. a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

synonym : trademark, label, symbol

(1) create a **brand** logo, (2) the **brand** of the new car

There's a new **brand** of hero in the movies now.

chapter

n. a separate section of a written work usually numbered and titled

synonym : section, phase, episode

(1) an introductory **chapter**, (2) **chapter** of a political party

The final **chapter** provides a summary of the discussion.

distinct

adj. noticeable from something else of a similar type

synonym : different, special, characteristic

(1) **distinct** difference, (2) **distinct** from each other

It is essential to keep these two issues **distinct**.

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.

extinction

n. the complete disappearance of a species from the earth

synonym : disappearance, eradication, annihilation

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

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

mess

n. a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy

synonym : disarray, confusion, predicament

(1) have a whole **mess**, (2) get into a **mess**

He made a frightful **mess** in his room.

hop

v. to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.

synonym : jump, bounce, skip

(1) **hop** on one foot, (2) **hop** from one place to another

The rabbit **hopped** over the fence.

redemption

n. the act of saving or being saved from sin, error, or evil, or the process of regaining or earning something of value

synonym : rescue, salvation, liberation

(1) **redemption** of a loan, (2) a **redemption** bill

He saw his time in prison as an opportunity for **redemption**.

epic

n. a long and eventful or heroic history, story, poem, or film; (adjective) very imposing or impressive

synonym : legendary, mythical, classical

(1) heroic **epic**, (2) **epic** battle

The military **epic** between the two armies was one for the history books.

inherit

v. to receive money, property, or a title from someone after they have died

synonym : obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property

After his death, his sons **inherited** his business.

grandkid

n. the grandchildren of a particular person

synonym : grandchildren, grandnieces, grandnephews

(1) spend the weekend with their **grandkids**, (2) cute **grandkids**

She was so proud of her **grandkids**, who were all doing well in school and had great personalities.

revelry

n. lively and noisy festivities, typically involving drinking, dancing, and general merrymaking; a celebration marked by indulgence and enjoyment

synonym : festivity, merrymaking, celebration

(1) **revelry** in the streets, (2) festival **revelry**

The street was filled with **revelry** on New Year's Eve.

biodiversity

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

(1) **biodiversity** conservation, (2) loss of **biodiversity**
The country was instrumental in promoting the **biodiversity** treaty.

refer

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

synonym: cite, allude, mention

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

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

endless

adj. having no end or conclusion; infinitely very large in size or amount

synonym: infinite, ceaseless, boundless

(1) **endless** possibilities, (2) **endless** hours

He looked out the window at the **endless** stream of people.

etch

v. to carve, cut, or engrave (a design or text) into a hard surface; to corrode, erode or eat away at a metal surface using acid or another chemical substance to create a design or pattern

synonym: engrave, inscribe, carve

(1) **etch** a metal plate, (2) **etch** a design into wood

He used a sharp tool to **etch** his initials onto the metal.

decision

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

synonym: choice, determination, judgment

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

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

Session 2: Spelling

1. the _____ic administration
adj. relating to or involved in the treatment of illness or injury
2. a circular mo _____nt
n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
3. vintage tr _____t
n. a small decorative item or piece of jewelry that is often of little value or practical use but is cherished for its sentimental or aesthetic qualities
4. ev _____te civilians
v. to remove people or things from a place of danger or threat; to leave or abandon a place or situation, often due to fear or risk
5. 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
6. man _____te figures
v. to influence or control something or someone to your advantage, often in an unfair or dishonest way
7. imp _____ve performances
adj. arousing admiration due to size, quality, or skill

ANSWERS: 1. therapeutic, 2. movement, 3. trinket, 4. evacuate, 5. process, 6. manipulate, 7. impressive

- | | | |
|--|----|---|
| 8. ad__t fully to the environment | v. | to make fit for or change to suit a new purpose or environment |
| 9. gender ex_____on | n. | the act of keeping someone or something out or preventing them from participating in or being part of something |
| 10. share my in_____ts | n. | the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like |
| 11. es_____te this chicken to weigh three pounds | v. | to guess or calculate the cost, size, value, etc. of something |
| 12. a feeling of a_e | n. | a feeling of respect and wonder inspired by someone or something greatly admired |
| 13. hereditary mu_____on | n. | the way in which genes of a person, plant, animal, or other organism change and produce permanent differences |
| 14. mu_____on of DNA | n. | the way in which genes of a person, plant, animal, or other organism change and produce permanent differences |
| 15. t__k-like tooth | n. | a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging |
| 16. terrestrial gl__e | n. | the earth or world, mainly used to emphasize its vastness |
| 17. religious to_____ce | n. | the willingness to accept or tolerate something, especially something that is different or unpleasant |

ANSWERS: 8. adapt, 9. exclusion, 10. insight, 11. estimate, 12. awe, 13. mutation, 14. mutation, 15. tusk, 16. globe, 17. tolerance

18. a con_____ly innovative enterprise *adv.* all the time
19. a hard and re_____nt steel *adj.* able to withstand or recover quickly from difficult conditions
20. historical no__l *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
21. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
22. ruled by a ma_____ch *n.* a woman who is the head of a family or social group; a woman who is the founder or dominant member of a group
23. bird and other wi_____fe *n.* animals, birds, insects, etc. that grow independently of people and live in natural conditions
24. st_____le to get the job *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
25. e__h a metal plate *v.* to carve, cut, or engrave (a design or text) into a hard surface; to corrode, erode or eat away at a metal surface using acid or another chemical substance to create a design or pattern
26. an__e habitat *n.* a type of small, arboreal lizard native to the Americas, known for its ability to change color and its distinctive triangular head shape
27. ch__k the ball across the yard *v.* to throw something carelessly or casually; to get rid of something or someone

ANSWERS: 18. constantly, 19. resilient, 20. novel, 21. colleague, 22. matriarch, 23. wildlife, 24. struggle, 25. etch, 26. anole, 27. chuck

28. ma_____ch figure *n.* a woman who is the head of a family or social group; a woman who is the founder or dominant member of a group
29. pr_____e the amendment *v.* to make a proposal, declare a plan for something
30. pr_____e changes *v.* to make a proposal, declare a plan for something
31. ex_____t a valuable opportunity *v.* to make full use of and gain an advantage from resources, opportunities, etc.
32. red_____on of a loan *n.* the act of saving or being saved from sin, error, or evil, or the process of regaining or earning something of value
33. ca____r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
34. the br__d of the new car *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
35. po__h on his land *v.* to illegally hunt, fish, or take wildlife from private or protected land or waters without permission; to cook food by gently simmering it in a liquid, often with added spices or seasonings
36. imm_____ly recall a product *adv.* now or without delay

ANSWERS: 28. matriarch, 29. propose, 30. propose, 31. exploit, 32. redemption, 33. cancer, 34. brand, 35. poach, 36. immediately

37. science of ec____y *n.* the study of the relationships between living organisms, including humans, and their physical environment
38. nu____r fusion *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
39. easy to dom_____te *v.* to take control of animals or plants to provide food, power, or company
40. mo____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
41. cir_____nce of injury *n.* the specific conditions or events that surround a particular situation or occurrence
42. environmental po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
43. ind_____ized textile production *v.* to organize the production of something into an industry
44. spend the weekend with their gr____ids *n.* the grandchildren of a particular person
45. ca____r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 37. ecology, 38. nuclear, 39. domesticate, 40. movement, 41. circumstance, 42. pollution, 43. industrialize, 44. grandkid, 45. cancer

46. face rel_____ss pressure *adj.* persistent and determined; continuing despite difficulties or setbacks
47. di_____ct difference *adj.* noticeable from something else of a similar type
48. festival re_____y *n.* lively and noisy festivities, typically involving drinking, dancing, and general merrymaking; a celebration marked by indulgence and enjoyment
49. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
50. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
51. in_____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
52. a red_____on bill *n.* the act of saving or being saved from sin, error, or evil, or the process of regaining or earning something of value
53. giant li_____d *n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail
54. vulnerable to man_____te *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
55. tu__r growth *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
56. phy_____cal activity *adj.* relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body

ANSWERS: 46. relentless, 47. distinct, 48. revelry, 49. decision, 50. amazing, 51. involve, 52. redemption, 53. lizard, 54. manipulate, 55. tumor, 56. physiological

57. ind_____nce ceremony *n.* freedom from another's or others' control or influence
58. in_____e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
59. re_____nt population *adj.* able to withstand or recover quickly from difficult conditions
60. st____y situation *adj.* made of or covered with an adhesive substance; hot or warm and humid
61. senseless sl_____er *n.* the killing of a large number of animals or people brutally and indiscriminately; a violent and bloody event that results in the death of many individuals
62. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
63. de____e my position *v.* to state or explain precisely the nature, scope, or meaning of something
64. ev_____te the building *v.* to remove people or things from a place of danger or threat; to leave or abandon a place or situation, often due to fear or risk
65. ev____e *v.* to develop gradually, or to cause the development of something or someone gradually
66. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
67. an introductory ch_____r *n.* a separate section of a written work usually numbered and titled
68. high levels of air po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change

ANSWERS: 57. independence, 58. involve, 59. resilient, 60. sticky, 61. slaughter, 62. genetic, 63. define, 64. evacuate, 65. evolve, 66. incredibly, 67. chapter, 68. pollution

69. dom_____te the plant *v.* to take control of animals or plants to provide food, power, or company
70. acc_____te cash value *v.* to collect or acquire a large number of things over a long period of time
71. en_____s possibilities *adj.* having no end or conclusion; infinitely very large in size or amount
72. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
73. the cell of the im___e system *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
74. pos_____ty of a major earthquake *n.* a chance that something may happen or be true
75. p_p company *n.* a young dog, seal, or other animals
76. de_____te a chapter to the subject *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
77. in a pre_____le manner *adj.* capable of being known, seen or declared in advance
78. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
79. path of des_____on *n.* the act of causing so much damage to something
80. el_____e a close relationship *v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position

ANSWERS: 69. domesticate, 70. accumulate, 71. endless, 72. decide, 73. immune, 74. possibility, 75. pup, 76. dedicate, 77. predictable, 78. incredibly, 79. destruction, 80. elevate

81. h_p on one foot
v. to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.
82. de___e a word
v. to state or explain precisely the nature, scope, or meaning of something
83. politically fr_____e nation
adj. delicate or easily broken or damaged
84. score an ad_____ge
n. a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
85. the_____ic massage
adj. relating to or involved in the treatment of illness or injury
86. non-urb_____ion area
n. the process of population growth and physical expansion of cities, often involving increased migration from rural areas and the development of urban infrastructure and culture
87. fun_____al rights
adj. forming an essential base or core from which everything else develops or is affected
88. wi_____fe sanctuary
n. animals, birds, insects, etc. that grow independently of people and live in natural conditions
89. int_____on among human beings
n. the act of connecting with someone, mainly when working, playing, or spending time with them
90. a selfish de_____on
n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

ANSWERS: 81. hop, 82. define, 83. fragile, 84. advantage, 85. therapeutic, 86. urbanization, 87. fundamental, 88. wildlife, 89. interaction, 90. decision

91. pre_____se me to become a novelist
v. to make someone susceptible
92. annual tu_____er
n. the amount of business or economic activity that is generated within a specific period of time; the rate at which people leave or are replaced in a job or organization, often expressed as a percentage
93. st___e a blow
v. to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
94. chemical tr__t
n. a particular feature of your nature
95. par_____te in the program
v. to take part in something
96. bio_____ity conservation
n. the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
97. phy_____cal response
adj. relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body
98. get into a m__s
n. a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
99. ex___d a lineup
v. to increase or to make something greater in size, number, or importance
100. ch_____r of a political party
n. a separate section of a written work usually numbered and titled

ANSWERS: 91. predispose, 92. turnover, 93. strike, 94. trait, 95. participate, 96. biodiversity, 97. physiological, 98. mess, 99. expand, 100. chapter

101. ex___d agricultural output *v.* to increase or to make something greater in size, number, or importance
102. a co_____te noun *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
103. ind_____ize service *v.* to organize the production of something into an industry
104. tr_____rk license *n.* a name or symbol on a product that indicates it was made by a particular company and cannot be used without permission by other companies
105. p__y of beast *n.* the object of a hunt; an animal hunted or trapped for eating
106. ind_____al freedom *n.* a single person or thing, as distinct from a group
107. h__t a job *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
108. wild goose ch__e *v.* to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes
109. a southern ex_____re *n.* the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret

ANSWERS: 101. expand, 102. concrete, 103. industrialize, 104. trademark, 105. prey, 106. individual, 107. hunt, 108. chase, 109. exposure

110. po__h deer *v.* to illegally hunt, fish, or take wildlife from private or protected land or waters without permission; to cook food by gently simmering it in a liquid, often with added spices or seasonings
111. de_____te a few hours *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
112. w__m of youth *n.* a sudden idea or desire, especially one that cannot be reasonably explained
113. brink of ext_____on *n.* the complete disappearance of a species from the earth
114. es_____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
115. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
116. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
117. de__e forests *adj.* containing a large number of people or something with little space between them
118. l__b amputation *n.* an arm and leg of a person or animal
119. pre_____se to the development of cancer *v.* to make someone susceptible
120. re__r to a map *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

ANSWERS: 110. poach, 111. dedicate, 112. whim, 113. extinction, 114. estimate, 115. genetic, 116. mass, 117. dense, 118. limb, 119. predispose, 120. refer

121. cheap tr____t *n.* a small decorative item or piece of jewelry that is often of little value or practical use but is cherished for its sentimental or aesthetic qualities
122. v__t desert *adj.* enormous in size, number, amount, or quantity
123. penicillin-re_____nt bacteria *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
124. su_____e a plane crash *v.* to live or exist despite a dangerous event or period
125. personality tr__ts *n.* a particular feature of your nature
126. el_____e educational standards *v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
127. im___e from criminal prosecution *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
128. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
129. ut_____e a different approach *v.* to use something for a practical purpose in an effective way
130. the int_____on between man and his environment *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
131. create a br__d logo *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

ANSWERS: 121. trinket, 122. vast, 123. resistant, 124. survive, 125. trait, 126. elevate, 127. immune, 128. transport, 129. utilize, 130. interaction, 131. brand

132. tu__r at remote sites *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
133. the ex____re of a fraud *n.* the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret
134. in a_e of the situation *n.* a feeling of respect and wonder inspired by someone or something greatly admired
135. 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
136. French pa____x *n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;
137. re__r to a book *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
138. cute gr____ids *n.* the grandchildren of a particular person
139. la____g impression *adj.* durable and enduring over time; continuing or permanent in effect
140. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
141. h__t after knowledge *v.* to go after and try to catch wild animals to kill them for food, sport, or profit

ANSWERS: 132. tumor, 133. exposure, 134. awe, 135. planet, 136. paradox, 137. refer, 138. grandkid, 139. lasting, 140. adapt, 141. hunt

142. 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
143. en____s hours *adj.* having no end or conclusion; infinitely very large in size or amount
144. li____d leather *n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail
145. ch__e a dream *v.* to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes
146. par____te fully in conversation *v.* to take part in something
147. res____le action *adj.* answerable or accountable for something within one's power, control, or management
148. gra____ld development *n.* a child of someone's son or daughter
149. urb____ion process *n.* the process of population growth and physical expansion of cities, often involving increased migration from rural areas and the development of urban infrastructure and culture

ANSWERS: 142. process, 143. endless, 144. lizard, 145. chase, 146. participate, 147. responsible, 148. grandchild, 149. urbanization

150. for spe_____ly American customers
adv. only associated with or meant for one thing
151. st___y weather
adj. made of or covered with an adhesive substance; hot or warm and humid
152. co___r of a dog
n. a band of material worn around the neck, typically forming part of a shirt or jacket
153. ur___n planning
adj. relating to or located in a town or city
154. in_____t ancestral property
v. to receive money, property, or a title from someone after they have died
155. v__t majority
adj. enormous in size, number, amount, or quantity
156. gra_____ld-grandparent relationship
n. a child of someone's son or daughter
157. t__m a dog's nails
v. to make neat or tidy by clipping, cutting, or pruning away excess or unwanted parts; to adjust or modify to improve efficiency or performance
158. ecology and evo_____ary biology
adj. relating to or denoting how living things develop or change from earlier forms
159. nutrient-de___e foods
adj. containing a large number of people or something with little space between them
160. take ad_____ge of his weak points
n. a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
161. the ec_____y of the island
n. the study of the relationships between living organisms, including humans, and their physical environment

ANSWERS: 150. specifically, 151. sticky, 152. collar, 153. urban, 154. inherit, 155. vast, 156. grandchild, 157. trim, 158. evolutionary, 159. dense, 160. advantage, 161. ecology

162. acc_____te evidence *v.* to collect or acquire a large number of things over a long period of time
163. di_____ct from each other *adj.* noticeable from something else of a similar type
164. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
165. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
166. br____h office *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
167. cir_____nce of birth *n.* the specific conditions or events that surround a particular situation or occurrence
168. electromagnetic ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
169. at inc_____le speed *adj.* unbelievable; enormous
170. in____t biology *n.* any small creature that has six legs and a body divided into three sections
171. ca_____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
172. inc_____le amount *adj.* unbelievable; enormous
173. organic agr_____re *n.* the practice or science of cultivating the land or raising stock

ANSWERS: 162. accumulate, 163. distinct, 164. responsible, 165. humming, 166. branch, 167. circumstance, 168. radiation, 169. incredible, 170. insect, 171. capture, 172. incredible, 173. agriculture

174. br_____ck pace *adj.* extremely fast and reckless; dangerous and high-speed
175. take several inputs sim_____sly *adv.* at the same time
176. human ev_____on *n.* a gradual process of transformation of living things
177. rel_____ss attack *adj.* persistent and determined; continuing despite difficulties or setbacks
178. ex_____t a security hole *v.* to make full use of and gain an advantage from resources, opportunities, etc.
179. se____e patient *adj.* calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity
180. sim_____sly affected *adv.* at the same time
181. notable in_____ce *n.* a particular example or single occurrence of something
182. an imp_____ve array of facts *adj.* arousing admiration due to size, quality, or skill
183. de____e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
184. exposure to ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
185. a gr_____l change *adj.* happening slowly over a long period of time or distance; not steep or abrupt

ANSWERS: 174. breakneck, 175. simultaneously, 176. evolution, 177. relentless, 178. exploit, 179. sedate, 180. simultaneously, 181. instance, 182. impressive, 183. decide, 184. radiation, 185. gradual

186. no__l effect *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
187. financial ind_____nce *n.* freedom from another's or others' control or influence
188. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
189. sheer no_____se *n.* an idea, behavior, or something spoken or written that has no meaning or makes no sense or that is silly or unacceptable
190. h_p from one place to another *v.* to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.
191. e__c battle *n.* a long and eventful or heroic history, story, poem, or film; (adjective) very imposing or impressive
192. e__h a design into wood *v.* to carve, cut, or engrave (a design or text) into a hard surface; to corrode, erode or eat away at a metal surface using acid or another chemical substance to create a design or pattern
193. bio_____al assay *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
194. ext_____on prevention *n.* the complete disappearance of a species from the earth

ANSWERS: 186. novel, 187. independence, 188. environment, 189. nonsense, 190. hop, 191. epic, 192. etch, 193. biomedical, 194. extinction

195. se___e atmosphere *adj.* calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity
196. write him an answer imm_____ly *adv.* now or without delay
197. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
198. the pa____x of the heap *n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;
199. in____t antenna *n.* any small creature that has six legs and a body divided into three sections
200. re_____nt to persuasion *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
201. tropical an__e *n.* a type of small, arboreal lizard native to the Americas, known for its ability to change color and its distinctive triangular head shape
202. gr__d bargain *adj.* important and large in size, scope, or extent
203. use of nu_____r power *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
204. ch__k my job *v.* to throw something carelessly or casually; to get rid of something or someone

ANSWERS: 195. sedate, 196. immediately, 197. environment, 198. paradox, 199. insect, 200. resistant, 201. anole, 202. grand, 203. nuclear, 204. chuck

205. a prosthetic l__b *n.* an arm and leg of a person or animal
206. heroic e__c *n.* a long and eventful or heroic history, story, poem, or film; (adjective) very imposing or impressive
207. tower of iv__y *n.* a hard, creamy-white substance that comes from the tusks of elephants, walruses, and some other animals and is used to make ornaments and other decorative items
208. a cold cl____e *n.* the weather in a particular location averaged over some long period
209. di____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
210. pre____le pattern *adj.* capable of being known, seen or declared in advance
211. t__m the budget *v.* to make neat or tidy by clipping, cutting, or pruning away excess or unwanted parts; to adjust or modify to improve efficiency or performance
212. a private ind____al *n.* a single person or thing, as distinct from a group
213. ca____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
214. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
215. pro____te cells *v.* to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner

ANSWERS: 205. limb, 206. epic, 207. ivory, 208. climate, 209. diagnose, 210. predictable, 211. trim, 212. individual, 213. capture, 214. biology, 215. proliferate

216. around the gl__e *n.* the earth or world, mainly used to emphasize its vastness
217. a gr____l process *adj.* happening slowly over a long period of time or distance; not steep or abrupt
218. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
219. intensive agr____re *n.* the practice or science of cultivating the land or raising stock
220. ex____on criteria *n.* the act of keeping someone or something out or preventing them from participating in or being part of something
221. cutting-edge bio____al *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
222. treat this dev____ng disease *adj.* causing a great deal of destruction or damage
223. t__k of an elephant *n.* a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging
224. effects of cl____e change *n.* the weather in a particular location averaged over some long period
225. time z__e *n.* a specific area, region, or section that is marked off or defined in some way
226. in____t estate *v.* to receive money, property, or a title from someone after they have died

ANSWERS: 216. globe, 217. gradual, 218. nation, 219. agriculture, 220. exclusion, 221. biomedical, 222. devastating, 223. tusk, 224. climate, 225. zone, 226. inherit

227. 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
228. a con_____ly varying mind *adv.* all the time
229. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
230. a gr__d meal *adj.* important and large in size, scope, or extent
231. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
232. re_____y in the streets *n.* lively and noisy festivities, typically involving drinking, dancing, and general merrymaking; a celebration marked by indulgence and enjoyment
233. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
234. pos_____ty for growth *n.* a chance that something may happen or be true
235. iv__y carving *n.* a hard, creamy-white substance that comes from the tusks of elephants, walruses, and some other animals and is used to make ornaments and other decorative items
236. sequencing of the human ge___e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things

ANSWERS: 227. planet, 228. constantly, 229. amazing, 230. grand, 231. diagnose, 232. revelry, 233. transport, 234. possibility, 235. ivory, 236. genome

237. gene va_____on *n.* the act or state of changing; a difference or change in the way something is done, made or said
238. ev_____on theory *n.* a gradual process of transformation of living things
239. fo_____nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
240. a rid_____us suggestion *adj.* very silly or unreasonable and deserving to be laughed at
241. for in_____ce *n.* a particular example or single occurrence of something
242. the fo_____nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
243. sl_____er of animals *n.* the killing of a large number of animals or people brutally and indiscriminately; a violent and bloody event that results in the death of many individuals
244. 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
245. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
246. loss of bio_____ity *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
247. a profound in_____t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

ANSWERS: 237. variation, 238. evolution, 239. footprint, 240. ridiculous, 241. instance, 242. footprint, 243. slaughter, 244. strike, 245. evolve, 246. biodiversity, 247. insight

248. pro_____te weeds *v.* to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner
249. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
250. sh_____e from side to side *v.* to move or mix around in a casual or unorganized way; to walk with short, dragging steps
251. z__e defense *n.* a specific area, region, or section that is marked off or defined in some way
252. have dev_____ng effects *adj.* causing a great deal of destruction or damage
253. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
254. fr_____e ecosystem *adj.* delicate or easily broken or damaged
255. feel gr____y *adj.* weak, dizzy, or unable to think or walk well because of illness, intoxication, sleep, or blow
256. have a whole m__s *n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
257. still gr____y from anesthesia *adj.* weak, dizzy, or unable to think or walk well because of illness, intoxication, sleep, or blow
258. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
259. to_____ce for risk *n.* the willingness to accept or tolerate something, especially something that is different or unpleasant

ANSWERS: 248. proliferate, 249. survive, 250. shuffle, 251. zone, 252. devastating, 253. fundamental, 254. fragile, 255. groggy, 256. mess, 257. groggy, 258. temperature, 259. tolerance

260. talk no_____se *n.* an idea, behavior, or something spoken or written that has no meaning or makes no sense or that is silly or unacceptable
261. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
262. va_____on of temperature *n.* the act or state of changing; a difference or change in the way something is done, made or said
263. co_____te examples *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
264. ur__n property owners *adj.* relating to or located in a town or city
265. st_____le against discrimination *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
266. ge___e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
267. cyclonic des_____on *n.* the act of causing so much damage to something
268. high tu_____er rate *n.* the amount of business or economic activity that is generated within a specific period of time; the rate at which people leave or are replaced in a job or organization, often expressed as a percentage

ANSWERS: 260. nonsense, 261. temperature, 262. variation, 263. concrete, 264. urban, 265. struggle, 266. genome, 267. destruction, 268. turnover

269. the evo_____ary process *adj.* relating to or denoting how living things develop or change from earlier forms
270. hu_____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
271. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
272. br_____ck acceleration *adj.* extremely fast and reckless; dangerous and high-speed
273. ut_____e a catheter *v.* to use something for a practical purpose in an effective way
274. playful p_p *n.* a young dog, seal, or other animals
275. a rid_____us amount of money *adj.* very silly or unreasonable and deserving to be laughed at
276. a br___h pipe *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
277. a seafaring na___n *n.* a large organized community of people living in a particular country or region and having a particular culture
278. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
279. designed spe_____lly for men *adv.* only associated with or meant for one thing
280. assign a tr_____rk *n.* a name or symbol on a product that indicates it was made by a particular company and cannot be used without permission by other companies

ANSWERS: 269. evolutionary, 270. humming, 271. mass, 272. breakneck, 273. utilize, 274. pup, 275. ridiculous, 276. branch, 277. nation, 278. colleague, 279. specifically, 280. trademark

281. sh____e deck *v.* to move or mix around in a casual or unorganized way; to walk with short, dragging steps
282. co____r of a shirt *n.* a band of material worn around the neck, typically forming part of a shirt or jacket
283. become p__y to terrorists *n.* the object of a hunt; an animal hunted or trapped for eating
284. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
285. at the w__m of circumstance *n.* a sudden idea or desire, especially one that cannot be reasonably explained
286. la____g impact *adj.* durable and enduring over time; continuing or permanent in effect

ANSWERS: 281. shuffle, 282. collar, 283. prey, 284. biology, 285. whim, 286. lasting

Session 3: Fill in the Blanks

1. The doctor explained the various _____ changes that occur during pregnancy.
adj. relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body
2. The patient was diagnosed with a _____ in her lung.
n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
3. The grandparents take care of their _____ while the parents are at work.
n. a child of someone's son or daughter
4. Eating food in a hurry _____ blood glucose levels.
v. to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
5. The little ____ was so cute, with big, floppy ears and a wagging tail.
n. a young dog, seal, or other animals
6. The cook _____ the leftover oxtail to make soup.
v. to use something for a practical purpose in an effective way
7. We gained various _____ by analyzing the vast amount of data owned by the company.
n. the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

ANSWERS: 1. physiological, 2. tumor, 3. grandchild, 4. elevates, 5. pup, 6. utilized, 7. insights

8. I will _____ these old shoes in the trash and buy a new pair.
v. to throw something carelessly or casually; to get rid of something or someone
9. Many companies are now enthusiastically embracing the knowledge of _____ for sustainable development.
n. the study of the relationships between living organisms, including humans, and their physical environment
10. Yoga is known to have _____ benefits for the mind and body.
adj. relating to or involved in the treatment of illness or injury
11. A suspension order from the court is effective _____.
adv. now or without delay
12. There is a lot of _____ in the colors of flowers in the garden.
n. the act or state of changing; a difference or change in the way something is done, made or said
13. The _____ of the dinosaurs is thought to have been caused by an asteroid impact.
n. the complete disappearance of a species from the earth
14. The intricate carvings on the _____ tusk were a work of art.
n. a hard, creamy-white substance that comes from the tusks of elephants, walruses, and some other animals and is used to make ornaments and other decorative items
15. Mercury is the closest _____ to the sun.
n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 8. chuck, 9. ecology, 10. therapeutic, 11. immediately, 12. variation, 13. extinction, 14. ivory, 15. planet

16. The military _____ between the two armies was one for the history books.
n. a long and eventful or heroic history, story, poem, or film; (adjective) very imposing or impressive
17. The rabbit _____ over the fence.
v. to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.
18. Understanding protein folding is a vital step in deciphering the _____ code.
adj. of or relating to genes (= parts of the DNA in cells) or the science of genes
19. Please tell me how to _____ this computer.
v. to influence or control something or someone to your advantage, often in an unfair or dishonest way
20. The _____ of getting the disease will drastically increase.
n. a chance that something may happen or be true
21. He put on his _____ and tie before leaving for work.
n. a band of material worn around the neck, typically forming part of a shirt or jacket
22. The economy becomes more volatile and less _____.
adj. capable of being known, seen or declared in advance
23. _____ and weather have an impact on every part of our lifestyles.
n. the weather in a particular location averaged over some long period
24. They study the _____ of the universe.
n. a gradual process of transformation of living things

ANSWERS: 16. epic, 17. hopped, 18. genetic, 19. manipulate, 20. possibility, 21. collar, 22. predictable, 23. Climate, 24. evolution

25. The country experienced a _____ increase in population.

adj. happening slowly over a long period of time or distance; not steep or abrupt

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

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

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

adv. at the same time

29. She explained the _____ surrounding the accident.

n. the specific conditions or events that surround a particular situation or occurrence

30. To advance this discussion, we must _____ "success" rigorously.

v. to state or explain precisely the nature, scope, or meaning of something

31. The long _____ to the air tarnished the antique tableware.

n. the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret

32. After his death, his sons _____ his business.

v. to receive money, property, or a title from someone after they have died

ANSWERS: 25. gradual, 26. process, 27. mass, 28. simultaneously, 29. circumstances, 30. define, 31. exposure, 32. inherited

33. The _____ environment of the library was perfect for studying.

adj. calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity

34. Several cities are experiencing _____ high unemployment rates.

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

35. 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

36. These articles cite five _____ of climate change.

n. a particular example or single occurrence of something

37. The chef _____ the eggs perfectly for the benedict breakfast dish.

v. to illegally hunt, fish, or take wildlife from private or protected land or waters without permission; to cook food by gently simmering it in a liquid, often with added spices or seasonings

38. Insects in urban areas are becoming _____ to insecticides.

adj. not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

39. She is a _____ person and has always bounced back from setbacks.

adj. able to withstand or recover quickly from difficult conditions

40. Eyeless fish _____ in dark caves.

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

ANSWERS: 33. sedate, 34. incredibly, 35. nation, 36. instances, 37. poached, 38. resistant, 39. resilient, 40. evolved

41. In junior high school, we had to dissect a frog in _____ class.
n. the scientific study of life and the natural processes of living things
42. The budget reduction was an _____ feat for our nation.
adj. arousing admiration due to size, quality, or skill
43. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
44. He could not _____ against temptation.
v. to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
45. The final _____ provides a summary of the discussion.
n. a separate section of a written work usually numbered and titled
46. The _____ mountains dominate the landscape.
n. a feeling of respect and wonder inspired by someone or something greatly admired
47. I want to _____ a toast in honor of our longstanding relationship.
v. to make a proposal, declare a plan for something
48. I decided to seek counseling on the advice of my _____.
n. one of a group of a coworker, especially in a profession or a business
49. 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

ANSWERS: 41. biology, 42. impressive, 43. amazing, 44. struggle, 45. chapter, 46. awe-inspiring, 47. propose, 48. colleague, 49. interaction

50. Her outstanding achievement _____ people to like her.
- v. to make someone susceptible
51. The human _____ contains approximately three billion chemical base pairs.
- n. the complete set or sequence of genes of a human, animal, plant, or other living things
52. The number of COVID cases continued to _____ in many countries worldwide.
- v. to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner
53. Rapid _____ has led to many environmental and social issues in cities.
- n. the process of population growth and physical expansion of cities, often involving increased migration from rural areas and the development of urban infrastructure and culture
54. She couldn't _____ whether to order the pizza or the pasta for dinner.
- v. to make up someone's mind about something; to come to a conclusion or judgment after considering options
55. The policy of _____ has caused significant harm to marginalized communities.
- n. the act of keeping someone or something out or preventing them from participating in or being part of something
56. There are many theories to explain this _____.
- n. a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

ANSWERS: 50. predisposes, 51. genome, 52. proliferate, 53. urbanization, 54. decide, 55. exclusion, 56. paradox

57. The majority of students actively _____ in the college's intramural sports program.
- v.* to take part in something
58. She _____ the cards before dealing them to the players.
- v.* to move or mix around in a casual or unorganized way; to walk with short, dragging steps
59. The street was filled with _____ on New Year's Eve.
- n.* lively and noisy festivities, typically involving drinking, dancing, and general merrymaking; a celebration marked by indulgence and enjoyment
60. The _____ of the dancers on stage was graceful and elegant.
- n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
61. A _____ audience viewed the broadcast.
- adj.* enormous in size, number, amount, or quantity
62. This year's _____ gathering will be held in Canada.
- adj.* important and large in size, scope, or extent
63. It is essential to keep these two issues _____.
- adj.* noticeable from something else of a similar type
64. The bakery's _____ increased after it introduced a new line of pastries.
- n.* the amount of business or economic activity that is generated within a specific period of time; the rate at which people leave or are replaced in a job or organization, often expressed as a percentage

ANSWERS: 57. participated, 58. shuffled, 59. revelry, 60. movement, 61. vast, 62. grand, 63. distinct, 64. turnover

65. I must _____ the bushes in my front yard before they get too overgrown.
- v.* to make neat or tidy by clipping, cutting, or pruning away excess or unwanted parts; to adjust or modify to improve efficiency or performance
66. These _____ are more prevalent above a certain latitude.
- n.* any small creature that has six legs and a body divided into three sections
67. Their marriage was built on a foundation of love and trust, which resulted in a _____ relationship that spanned over fifty years.
- adj.* durable and enduring over time; continuing or permanent in effect
68. The president asked for a more _____ plan.
- adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
69. He has _____ his wealth through real estate investments.
- v.* to collect or acquire a large number of things over a long period of time
70. He made a frightful _____ in his room.
- n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
71. They hope to _____ their business worldwide.
- v.* to increase or to make something greater in size, number, or importance
72. She was so proud of her _____ who were all doing well in school and had great personalities.
- n.* the grandchildren of a particular person

ANSWERS: 65. trim, 66. insects, 67. lasting, 68. concrete, 69. accumulated, 70. mess, 71. expand, 72. grandkids,

73. There's a new _____ of hero in the movies now.

- n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

74. The athlete's _____ training paid off in the end.

- adj.* persistent and determined; continuing despite difficulties or setbacks

75. I was able to _____ the moment on film.

- v.* to catch a person or an animal and confine them in an area which they cannot escape

76. A peculiar _____ material coated the foliage.

- adj.* made of or covered with an adhesive substance; hot or warm and humid

77. One of the main _____ of the new product is its increased efficiency.

- n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

78. He looked out the window at the _____ stream of people.

- adj.* having no end or conclusion; infinitely very large in size or amount

79. Many countries have now agreed to a treaty banning the use of _____ weapons.

- adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

80. The _____ of the family was known for her wisdom and guidance.

- n.* a woman who is the head of a family or social group; a woman who is the founder or dominant member of a group

ANSWERS: 73. brand, 74. relentless, 75. capture, 76. sticky, 77. advantages, 78. endless, 79. nuclear, 80. matriarch

81. The conservation area has an abundance of _____.
- n.* animals, birds, insects, etc. that grow independently of people and live in natural conditions
82. The _____ of the bees filled the air as she walked through the garden.
- adj.* producing a continuous, low, vibrating sound like that of the bee
83. The police officer _____ the suspect through the crowded streets until they finally caught him.
- v.* to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes
84. You should wrap the bandage carefully and firmly around the injured _____.
- n.* an arm and leg of a person or animal
85. He quit his job on a _____ and moved to a new city.
- n.* a sudden idea or desire, especially one that cannot be reasonably explained
86. She was struggling to make a _____ between two job offers.
- n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
87. The town was forced to _____ due to the hurricane approaching.
- v.* to remove people or things from a place of danger or threat; to leave or abandon a place or situation, often due to fear or risk
88. _____ engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.
- adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

ANSWERS: 81. wildlife, 82. humming, 83. chased, 84. limb, 85. whim, 86. decision, 87. evacuate, 88. Biomedical

89. 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
90. The vase was made of _____ ceramic and easily broke when it was dropped.
- adj.* delicate or easily broken or damaged
91. We were _____ with jet lag.
- adj.* weak, dizzy, or unable to think or walk well because of illness, intoxication, sleep, or blow
92. He tried every possible treatment, including chemotherapy and _____ therapy.
- n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
93. Please _____ to the instruction manual for further assistance.
- v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
94. Multiple genes may influence behavioral _____ concurrently.
- n.* a particular feature of your nature
95. This ad campaign is aimed _____ at young women.
- adv.* only associated with or meant for one thing
96. Radiation often promotes genetic _____ in plants and animals.
- n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

ANSWERS: 89. involves, 90. fragile, 91. groggy, 92. radiation, 93. refer, 94. traits, 95. specifically, 96. mutations

97. I spotted a small _____ lizard hiding in the bushes.

n. a type of small, arboreal lizard native to the Americas, known for its ability to change color and its distinctive triangular head shape

98. His final goal is to sail around the _____.

n. the earth or world, mainly used to emphasize its vastness

99. _____ is the foundation of our economy.

n. the practice or science of cultivating the land or raising stock

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

adj. relating to or located in a town or city

101. Her response revealed _____ idiocy.

adj. unbelievable; enormous

102. This typhoon was the most _____ in years.

adj. causing a great deal of destruction or damage

103. The parents spoke to their children in no-_____ tones.

n. an idea, behavior, or something spoken or written that has no meaning or makes no sense or that is silly or unacceptable

104. The _____ tail regenerates if severed.

n. a reptile that has a relatively long body, two pairs of legs, and a tapering tail

105. Human behavior has _____ characteristics.

adj. forming an essential base or core from which everything else develops or is affected

ANSWERS: 97. anole, 98. globe, 99. Agriculture, 100. urban, 101. incredible, 102. devastating, 103. nonsense, 104. lizard's, 105. fundamental

106. The little girl loved to collect _____ and display them on her dresser.

n. a small decorative item or piece of jewelry that is often of little value or practical use but is cherished for its sentimental or aesthetic qualities

107. The majority of snakes swallow their _____ whole.

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

108. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.

adj. answerable or accountable for something within one's power, control, or management

109. He _____ his life to helping others.

v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

110. She drove at a _____ speed, despite the dangerous conditions on the road.

adj. extremely fast and reckless; dangerous and high-speed

111. Everyone regarded the theory he advocated as _____ but was later proven correct.

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

112. He used a sharp tool to _____ his initials onto the metal.

v. to carve, cut, or engrave (a design or text) into a hard surface; to corrode, erode or eat away at a metal surface using acid or another chemical substance to create a design or pattern

113. The vaccination does not necessarily make you completely _____.

adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

ANSWERS: 106. trinkets, 107. prey, 108. responsible, 109. dedicated, 110. breakneck, 111. ridiculous, 112. etch, 113. immune

114. I advised him to _____ to his new surroundings.

v. to make fit for or change to suit a new purpose or environment

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

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

116. These birds can only _____ in temperate climates.

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

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

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

118. We _____ cows to gain milk and meat.

v. to take control of animals or plants to provide food, power, or company

119. The ivory poacher was arrested for possession of illegal _____.

n. a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging

120. He saw his time in prison as an opportunity for _____.

n. the act of saving or being saved from sin, error, or evil, or the process of regaining or earning something of value

121. The company's logo is a registered _____ on a global scale.

n. a name or symbol on a product that indicates it was made by a particular company and cannot be used without permission by other companies

ANSWERS: 114. adapt, 115. individual, 116. survive, 117. hunt, 118. domesticate, 119. tusks, 120. redemption, 121. trademark

122. There is nothing more valuable than _____ and freedom.
n. freedom from another's or others' control or influence
123. The mobile application industry is _____ changing.
adv. all the time
124. 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
125. 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
126. The _____ of the tree had fallen and blocked the road.
n. a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
127. Cities around the world set records for highest _____ this summer.
n. the degree of hotness or coldness of a thing or place
128. The entire mountain is covered in _____ rainforest.
adj. containing a large number of people or something with little space between them
129. We _____ our mining resources to strengthen our national power.
v. to make full use of and gain an advantage from resources, opportunities, etc.
130. This device is used to _____ brain cancer and other tumors.
v. to determine or distinguish the nature of a problem or an illness through a careful analysis

ANSWERS: 122. independence, 123. constantly, 124. strike, 125. environment, 126. branch, 127. temperatures, 128. dense, 129. exploit, 130. diagnose

131. The nations of South East Asia will quickly _____ and catch up with the West.

v. to organize the production of something into an industry

132. We choose transportation that has a smaller carbon _____.

n. a mark of a foot, shoe, or animal's foot left on a surface

133. Breast _____ is the most common type of cancer in women.

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

134. The _____ of endangered animals must be stopped.

n. the killing of a large number of animals or people brutally and indiscriminately; a violent and bloody event that results in the death of many individuals

135. We _____ the season's total trade deficit at \$50 billion.

v. to guess or calculate the cost, size, value, etc. of something

136. The _____ has largely gotten positive feedback.

n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

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

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

138. The extinction of several subspecies has been linked to climate change and habitat _____.

n. the act of causing so much damage to something

ANSWERS: 131. industrialize, 132. footprint, 133. cancer, 134. slaughter, 135. estimated, 136. novel, 137. biodiversity, 138. destruction

139. He was reluctant to leave his comfort _____ and try something new.
n. a specific area, region, or section that is marked off or defined in some way
140. _____ algorithms can find ways to optimize that humans do not anticipate.
adj. relating to or denoting how living things develop or change from earlier forms
141. Enhanced rail _____ is crucial for our business.
n. a system for moving people or products from one location to another using automobiles, roads, and so on
142. The _____ is endangering the local plants and animals.
n. the introduction of harmful substances or waste into the natural environment that causes adverse change
143. The school's diversity program aimed to promote _____ and understanding among the students.
n. the willingness to accept or tolerate something, especially something that is different or unpleasant

ANSWERS: 139. zone, 140. Evolutionary, 141. transportation, 142. pollution, 143. tolerance