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Emma Schachner: The secret weapon that let dinosaurs take over the planet | TED Talk

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All Words

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Session 1: Word List

dinosaur

n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

synonym : reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in the scientific community.

extinct

adj. no longer in existence

synonym : dead, obsolete, abolished

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

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

mystery

n. something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

synonym : enigma, puzzle, secret

(1) **mystery** novel, (2) unsolved **mystery**

The **mystery** surrounding the disappearance of the traveler has yet to be solved by authorities.

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.

dominance

n. the state or quality of being the most powerful or influential person or group

synonym: control, mastery, supremacy

(1) **dominance** of traits, (2) **dominance** relationship

The company has maintained its **dominance** in the market for several years.

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.

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.

spike

n. a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration

of something

synonym: end, spindle, point

(1) to **spike**, (2) to prevent blood sugar **spikes**

The recent **spike** in grain prices is partly due to the war in the producing countries.

internal

adj. of or relating to the inside of something

synonym: interior, inner, domestic

(1) **internal** organs, (2) the **internal** economy

The prime minister canceled visits to other countries to resolve **internal** disputes.

anatomy

n. the scientific study that deals with the physical structure of humans, animals, or plants

(1) animal **anatomy**, (2) **anatomy** of a country's collapse

The professor explained the **anatomy** of the nervous system.

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**.

lung

n. either of the two organs in the chest that people and some animals use for breathing

(1) **lung** capacity, (2) do **lung** transplantation

He has terminal **lung** cancer.

paleontology

n. the study of fossils and the history of life on Earth

synonym: fossilology, prehistoric biology

(1) vertebrate **paleontology**, (2) **paleontology** museum

My interest in **paleontology** research began when I visited a natural history museum and saw a display of fossils from the Jurassic period.

comparative

adj. relating to the comparison of different things or groups; denoting a degree of difference or comparison between two or more things; characterized by comparison or contrast

synonym : relative, approximate, correlative

(1) **comparative** viewpoint, (2) **comparative** analysis

The **comparative** study of different cultures is fascinating and informative.

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.

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**.

harsh

adj. severe and unkind; extremely tough and unpleasant to inhabit

synonym : brutal, severe, backbreaking

(1) **harsh** climate, (2) use of **harsh** chemicals

The prime minister faced **harsh** criticism.

landscape

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

synonym : geography, terrain, topography

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

Recent electoral shocks have shaken the political **landscape** in Europe.

- fern** *n.* a non-flowering plant with long, feathery fronds that reproduce by spores rather than seeds
synonym: greenery, foliage, bracken
(1) **fern** leaves, (2) tropical **ferns**
The garden was filled with various plants, including a beautiful maidenhair **fern**.
- 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.
- mammal** *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
(1) a primitive **mammal**, (2) a sort of **mammal**
Marine **mammal** populations are declining worldwide due to ocean pollution.
- 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.
- carnivorous** *adj.* feeding on the flesh of other animals
synonym: meat-eating, predatory, flesh-eating
(1) **carnivorous** cell, (2) aquatic **carnivorous** mammal
The **carnivorous** dinosaur preyed on other animals.
- herbivorous** *adj.* describing animals that primarily eat plants; feeding primarily on vegetables
synonym: vegetarian, plant-eating, grazing
(1) **herbivorous** diet, (2) **herbivorous** animals
Koalas are **herbivorous** marsupials that mainly feed on eucalyptus leaves.

reptile

n. a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles

synonym : lizard, serpent, snake

(1) **reptile** exhibition, (2) fossil **reptile**

Alligators are a type of **reptile** that live in swamps and rivers.

compete

v. to strive to achieve more success than someone or something

synonym : contend, contest, vie

(1) **compete** against a friend, (2) **compete** fiercely

You must **compete** with others to obtain this position.

oxygen

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

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

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

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.

crucial

adj. extremely vital or necessary

synonym : essential, pivotal, vital

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

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

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.

thrive

v. to grow vigorously; to make steady progress

synonym: bloom, flourish, prosper

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

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

diversify

v. to make something include more different types or things; to spread out activities or investments

synonym: branch out, expand, broaden

(1) **diversify** my portfolio, (2) **diversify** energy sources

This inclusive environment has allowed the plant species to **diversify**.

fossilized

adj. transformed into a fossil (= something preserved in rock for a very long period) or preserved in the form of a fossil; antiquated or inflexible

synonym: petrified, ossified, preserved

(1) obsolete **fossilized** ways, (2) a **fossilized** grove

The dinosaur bones were so old that they had been wholly **fossilized**, turning to stone over millions of years.

skeleton

n. the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant

synonym: bones, frame, structure

(1) the steel **skeleton** of a building, (2) **skeleton** hand

Scientists studied the ancient **skeleton** to learn more about the creature's anatomy.

extant

adj. still in existence; surviving or currently present

synonym: existing, surviving, remaining

(1) **extant** documents, (2) **extant** species

Many ancient artifacts are still **extant** and can be viewed in museums worldwide.

phylogenetics

n. the study of the evolutionary relationships and history of organisms based on comparisons of their genetic sequences and other biological characteristics

synonym : evolutionary genetics, cladistics

(1) biogeographical **phylogenetics**, (2) **phylogenetics** tree

Her research focuses on molecular **phylogenetics**, which uses gene sequences to study evolutionary relationships.

bracket

n. projecting support or fixture used to attach or bear weight; a small shelf or ledge; a punctuation mark ([]) used to enclose words, numbers, or symbols

synonym : support, holder, frame

(1) **bracket** placement, (2) tax **bracket**

I need to hang these shelves with the help of some sturdy **brackets**.

fancy

v. to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy

synonym : imagine, visualize, (noun) fantasy

(1) **fancy** a cup of coffee, (2) a flight of **fancy**

I don't **fancy** acting in such an important role.

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.

descendant

n. children or offspring of a specific person, plant, or animal

synonym : child, offspring, heir

(1) **descendant** of a pioneer, (2) third-generation **descendant**

Those warriors' **descendants** are still skilled archers.

crocodile

n. a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats

synonym : alligator, gator, croc

(1) **crocodile** hide, (2) saltwater **crocodile**

The **crocodile** attack left the villagers in a state of shock and fear

relative

adj. considered and evaluated through comparison with something else

synonym: comparative, proximate, congeneric

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

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

cousin

n. the child of your aunt or uncle

synonym: relative

(1) cross- **cousin** marriage, (2) **cousin's** family

I used to play with my younger male **cousins** when I was a little girl.

anatomical

adj. of or relating to the structure of the body and its parts

synonym: physical, bodily, structural

(1) **anatomical** structure, (2) **anatomical** elements

The **anatomical** model of the human body was used to teach medical students.

fossil

n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

synonym: relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

reconstruct

v. to build or form something again that has been damaged or destroyed

synonym: rebuild, revamp, reorganize

(1) **reconstruct** an image, (2) **reconstruct** the original text

They've decided to **reconstruct** a ruined castle.

specific

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

synonym: particular, definite, distinct

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

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

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.

resemble

v. to look like or be similar to someone or something

synonym: look like, be similar to

(1) **resemble** each other, (2) **resemble** her mother

The brothers **resemble** each other in the hobby.

modern

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

synonym: contemporary, stylish, current

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

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

blueprint

n. a photographic print of an early plan for a building or machine

synonym: draft, prototype, sketch

(1) **blueprint** for economic reform, (2) architect's **blueprint**

A business plan is a **blueprint** for your success.

mammalian

adj. of or relating to mammals, a class of warm-blooded vertebrate animals that typically nurse their young and have hair or fur on their skin; characterized by mammalian qualities, such as nurturing and protective behavior

synonym: animal, mammal-like, warm-blooded

(1) **mammalian** embryo, (2) **mammalian** evolution

Mammalian milk is known to be rich in protein and essential

vitamins.

reintroduce

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

synonym: bring back, restore, reestablish

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

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

launch

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

synonym: start, initiate, begin

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

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

cavity

n. an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground

synonym: hollows, holes, indenture

(1) tooth **cavity**, (2) **cavity** filling

I have a **cavity** in one of my molars and must schedule a dentist appointment.

visualize

v. to form a mental image or concept of something; to make something visible

synonym: imagine, picture, envision

(1) **visualize** data, (2) **visualize** flying through space

She tried to **visualize** the layout of the new house in her mind.

ribcage

n. the bony structure in the chest that protects the heart and lungs, composed of twelve pairs of curved bones called ribs that are joined to the spine in the back and the breastbone (sternum) in the front

synonym : chest, thorax, torso

(1) **ribcage** pain, (2) **ribcage** injury

After the accident, the doctors found multiple fractures in his **ribcage** and advised him complete rest.

spinal

adj. of or relating to the spine (= the long bone in the body's back)

(1) **spinal** injury, (2) brain and **spinal** cord

The surgeon carefully confirmed how to remove the tumor to avoid damaging the **spinal** nerves.

vertebra

n. a bone in the spine, or the spinal column forming the supporting structure of the spine and protecting the spinal cord

(1) cervical **vertebra**, (2) **vertebra** injury

He uses a **vertebra** traction machine for his treatment.

column

n. one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument

synonym : line, pillar, cue

(1) the spinal **column**, (2) a **column** of water

The newspaper devoted several **columns** to the affair.

horizontal

adj. parallel to the ground or in a baseline; being at the same level as all members of a group

synonym : even, lying, parallel

(1) **horizontal** lines, (2) **horizontal** stripes

Airplanes need **horizontal** tails to improve stability.

imaginary

adj. existing only in someone's mind

synonym : fictional, ideal, fantastical

(1) **imaginary** number, (2) **imaginary** pregnancy

Little children tend to have **imaginary** friends.

thorax

n. the part of an insect's body that bears the wings and legs, located between the head and the abdomen

synonym : chest, midsection, upper body

(1) **thorax** segment, (2) **thorax** anatomy

The insect's **thorax** is the middle section, where the wings and legs attach.

ceiling

n. a room's top interior surface

synonym : canopy, awning, shelter

(1) **ceiling** board, (2) **ceiling** light

There was a crack in the **ceiling** that I found.

rib

n. each of a series of curved bones that are connected to the spine and surround the chest; (adjective) subject to laughter or ridicule

synonym : costa

(1) brake a **rib**, (2) **rib** cage

The accident caused a cracked **rib**.

interface

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

synonym : junction, surface, UI

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

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

giant

adj. enormous; much bigger or more important than similar items usually are

synonym : big, gigantic, huge

(1) **giant** trees, (2) **giant** tech company

The **giant** jets gradually dominate the world's airlines.

inflate

v. to fill something with air or gas so that it becomes bigger and rounder

synonym : blow up, expand, puff up

(1) **inflate** a tire, (2) **inflate** expense reports
She **inflated** the balloons for the party.

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.

inhale

v. to breathe in air or a different substance, such as smoke
synonym: breathe in, take in, draw in

(1) **inhale** the smoke, (2) **inhale** the aroma
He **inhaled** deeply, trying to calm down.

contract

n. a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
synonym: agreement, deal, arrangement

(1) employment **contract**, (2) **contract** law
The company signed a **contract** with the supplier for the delivery of goods.

exhale

v. to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
synonym: breathe out, expel, emit

(1) **exhale** a big sigh, (2) **exhale** cigarette smoke
He took a deep breath and slowly began to **exhale**.

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.

tube

n. a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food

or chemicals; a hollow cylindrical shape

synonym : pipe, hose, duct

(1) a capillary **tube**, (2) a glass **tube**

The **tube** train was packed with commuters during rush hour.

bronchus

n. (in the plural, "bronchi") either of the two main branches of the trachea that lead to the lungs and distribute air to the bronchioles and alveoli

synonym : bronchi, airway, tube

(1) left **bronchus**, (2) **bronchus** wall

Smoking damages the **bronchus** and increases the risk of lung cancer.

ultimate

adj. furthest or highest in degree or order

synonym : highest, maximum, foremost

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

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

alveolus

n. (in the plural, "alveoli") a small, hollow cavity, pit, or socket; the small sacs in the lungs, where gas exchange with the blood occurs

synonym : cavity, air sac, socket

(1) tooth **alveolus**, (2) **alveolus** function

Damage to the walls of an **alveolus** can lead to reduced lung function.

membrane

n. a soft, thin layer that forms animal or vegetable tissue

synonym : tissue layer

(1) cell **membranes**, (2) nuclear **membrane**

Loud noises might harm the fragile ear **membrane**.

bloodstream

n. the blood flowing through the body

(1) **bloodstream** in an artery, (2) **bloodstream** to the brain

Cancer cells are often carried throughout the body by the **bloodstream**.

diffusion

n. a spreading motion in multiple directions

synonym: dispersal, scattering, disbandment

(1) the **diffusion** of knowledge, (2) **diffusion** of lightning

Due to the **diffusion** of television and video, cinema theaters had a small audience.

critic

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

synonym: pundit, analyst, attacker

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

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

respiratory

adj. relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air

synonym: breathing, pulmonary, lung

(1) **respiratory** failure, (2) alleviate **respiratory** ailments

Chronic **respiratory** disorders, such as asthma, can significantly impact a person's quality of life.

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.

barrier

n. a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

synonym: border, barricade, fence

(1) cost **barrier**, (2) information **barrier**

The police placed a **barrier** across the street to halt traffic.

crazy

adj. stupid or not sensible; very angry

synonym : insane, absurd, bizarre

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

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

immobilize

v. to render someone or something unable to move or function normally; to restrain, inhibit, or stop

synonym : incapacitate, paralyze, disable

(1) **immobilize** the city, (2) **immobilize** our opponent

The paramedics had to **immobilize** the accident victim to prevent further injury during transport to the hospital.

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.

sponge

n. a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning

(1) sea **sponge**, (2) metallic **sponge**

The tiny marine **sponge** has existed for more than 500 million years.

inflexible

adj. not able to be changed or adapted; rigid or unyielding

synonym : rigid, unyielding, unadaptable

(1) **inflexible** rule, (2) take an **inflexible** stance

His **inflexible** schedule did not allow for any changes.

directional

adj. relating to or indicating orientation; having a certain course; related to the management or control of an organization in a particular direction

synonym : aimed, oriented, focused

(1) **directional** antenna, (2) **directional** sound

The airplane's new **directional** radar system allowed for

safer and more efficient travel.

ventilate

v. to supply fresh air to a room, building, etc.; to remove stale air from it

synonym: air out, circulate, freshen

(1) **ventilate** my opinion, (2) **ventilate** air

It's important to **ventilate** the room to avoid the buildup of harmful gases.

flexible

adj. able to change or be changed to suit new conditions or situations; able to bend easily

synonym: adaptable, elastic, pliable

(1) **flexible** schedules, (2) a **flexible** wire

You can be more **flexible** and creative in your approach.

structure

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

synonym: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

sac

n. a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant

synonym: bag, pouch, knapsack

(1) **sac** contents, (2) abdominal **sac**

I placed my valuables in the **sac** before heading out on my hike.

setup

n. the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone

synonym: arrangement, installation, organization

(1) office **setup**, (2) network **setup**

The **setup** for the conference was impressive and professional.

extension

n. a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line

synonym: addition, augment, supplement

(1) time **extension**, (2) telephone **extension**

They are building an **extension** to the house to add more bedrooms.

invade

v. to enter aggressively into another's territory by military force for conquest and occupation

synonym: intrude, raid, overrun

(1) **invade** other tissues, (2) **invade** his privacy

I have no intention to **invade** your privacy.

skeletal

adj. of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated

synonym: bony, emaciated, gaunt

(1) **skeletal** system, (2) **skeletal** muscles

The older man was skinny and **skeletal** and not in good health.

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

pneumatic

adj. relating to or using air or gas under pressure, particularly in machinery or devices; operated by compressed air or gas

synonym: air-powered, gas-pressure, compressed-air

(1) **pneumatic** tire, (2) **pneumatic** cylinder

The mechanic used a **pneumatic** drill to repair the engine.

clue

n. an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery

synonym: hint, indication, inkling

(1) a **clue** about the crime, (2) a **clue** to the diagnosis

The police couldn't find a **clue** to her whereabouts.

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.

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.

indicate

v. to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

synonym: hint, suggest, show

(1) **indicate** a preference, (2) **indicate** an error

The data **indicates** that the company's profits have steadily increased over the past quarter.

anchor

n. a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability

synonym: mainstay, ballast, backbone

(1) **anchor** bolt, (2) **anchor** weight

The ship dropped **anchor** in the bay.

facilitate

v. to make something easier or more likely to happen
synonym: aid, assist, help

(1) **facilitate** a smooth transition, (2) **facilitate** the process
The company implemented a new software system to **facilitate** employee communication and collaboration.

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.

diffuse

adj. spread out widely; not concentrated in one place
synonym: spread, scatter

(1) **diffuse** bleeding, (2) **diffuse** cloud
Direct lighting is preferable to **diffuse** lighting when reading.

immobility

n. the state of being unable to move; the quality of being unable to be moved or changed easily
synonym: inactivity, stillness, paralysis

(1) emotional **immobility**, (2) the **immobility** of a rock
The airplane crash resulted in the **immobility** of several passengers due to their injuries.

permit

v. to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
synonym: allow, authorize, concede

(1) **permit** application, (2) work **permit**
The teacher will not **permit** any students to leave the classroom early.

rupture

n. a break or tear in something, especially a bodily tissue or a physical object
synonym: fracture, break, tear

(1) a **rupture** between friends, (2) the **rupture** of a blood vessel
A fault line **rupture** can cause significant damage and

destruction to surrounding areas.

enhance

v. to increase or improve the quality, amount, or strength of someone or something

synonym: improve, enrich, refine

(1) **enhance** value, (2) **enhance** the flavor of the vanilla

The new strategy will **enhance** the profitability of our company.

respiration

n. the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide

synonym: breathing, ventilation

(1) **respiration** rate, (2) artificial **respiration**

The doctor carefully monitored the patient's **respiration** during the surgery.

equip

v. to provide a person or a place with the things that are needed for a particular purpose or activity

synonym: prepare, furnish, provide

(1) **equip** an army, (2) **equip** our children with some special skills

The construction company **equipped** the building with an earthquake-resistant device.

sauropod

n. a large, long-necked dinosaur that was dominant during the Jurassic and Cretaceous periods, characterized by its massive sizes and quadrupedal stances, such as Brachiosaurus, Apatosaurus, and Diplodocus

synonym: dinosaur, Brachiosaurus, Diplodocus

(1) herbivorous **sauropod**, (2) **sauropod** fossils

The long necks of **sauropods** allowed them to reach high vegetation.

theropod

n. a type of carnivorous dinosaur that existed during the Mesozoic Era and is characterized by having three-toed limbs, a stiff tail, and sharp teeth, such as the Tyrannosaurus and Velociraptor

synonym : dinosaur, predator, carnivore

(1) **theropod** fossils, (2) **theropod** teeth

The **theropod** dinosaur was one of the fiercest predators of the prehistoric era.

predatory

adj. living by eating other animals, especially by catching prey that is still alive

synonym : raptorial, hunting, greedy

(1) a **predatory** bird, (2) **predatory** warfare

The domesticated cat still has its **predatory** instincts.

hollow

adj. having a hole, empty space inside, or indentation on the surface

synonym : cavity, depression, concavity

(1) have **hollow** legs, (2) **hollow** sound

The tree had a **hollow** trunk, which made it easy for animals to take shelter inside.

rigid

adj. extremely strict and difficult to change or adapt; incapable of or resistant to bending

synonym : strict, inflexible, stringent

(1) **rigid** rules, (2) **rigid** structure

He was unpopular because of his **rigid** adherence to the rules.

framework

n. the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text

synonym : structure, scheme, foundation

(1) legal **framework**, (2) the **framework** of a house

He devised a new analytical **framework** to capture the phenomenon.

delicate

adj. very fine, subtle, and pleasing; easily broken or damaged or destroyed

synonym : dainty, exquisite, fragile

(1) **delicate** attention, (2) a **delicate** flavor

The fresh green trees cast a **delicate** web of shadows over the lawn.

straitjacket

n. a garment or device designed to restrain a person's arms and body, typically used in psychiatric or medical settings to prevent a patient from harming themselves or others

synonym : restraining garment, strait-waistcoat

(1) mental **straitjacket**, (2) **straitjacket** therapy

The patient was put in a **straitjacket** to prevent self-harm.

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.

hypoxic

adj. relating to or characterized by a deficiency of oxygen, particularly in the body's tissues or organs

synonym : oxygen-deprived, anoxic

(1) **hypoxic** environment, (2) **hypoxic** injury

The high altitude caused a **hypoxic** condition, making it difficult to breathe.

atmosphere

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

synonym : air, ambiance, circumstances

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

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

adaptive

adj. capable of adjusting to new situations or changing conditions

synonym : flexible, adjustable, pliant

(1) the **adaptive** coloring, (2) **adaptive** technology

The **adaptive** learning system adjusts the difficulty level of the lessons based on the student's performance.

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.

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.

launch-pad

n. a platform or structure designed to support and launch a rocket or other spacecraft into space

(1) rocket **launch-pad**, (2) entrepreneurial **launch-pad**

The space program has invested heavily in the construction of a new **launch-pad**.

hypothesis

n. a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

synonym : assumption, conjecture, theory

(1) test my **hypothesis**, (2) a bold **hypothesis**

This evidence supports the big-bang **hypothesis**.

diversification

n. the act of expanding a business or portfolio by adding new products, services, or investments to reduce risk

and increase profitability

synonym : variety, heterogeneity, assortment

(1) business **diversification**, (2) **diversification** of products

The company's **diversification** strategy helped them weather the economic downturn.

Session 2: Spelling

1. 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
2. the ul_____te luxury
adj. furthest or highest in degree or order
3. cr_____le hide
n. a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats
4. sk_____al muscles
adj. of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
5. ex___e cigarette smoke
v. to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
6. a remote re_____ve
adj. considered and evaluated through comparison with something else
7. br_____us wall
n. (in the plural, "bronchi") either of the two main branches of the trachea that lead to the lungs and distribute air to the bronchioles and alveoli
8. use of ha__h chemicals
adj. severe and unkind; extremely tough and unpleasant to inhabit
9. 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

ANSWERS: 1. planet, 2. ultimate, 3. crocodile, 4. skeletal, 5. exhale, 6. relative, 7. bronchus, 8. harsh, 9. branch

10. 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
11. human ev_____on *n.* a gradual process of transformation of living things
12. th___x segment *n.* the part of an insect's body that bears the wings and legs, located between the head and the abdomen
13. in___e the aroma *v.* to breathe in air or a different substance, such as smoke
14. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
15. cervical ve_____ra *n.* a bone in the spine, or the spinal column forming the supporting structure of the spine and protecting the spinal cord
16. ma_____an embryo *adj.* of or relating to mammals, a class of warm-blooded vertebrate animals that typically nurse their young and have hair or fur on their skin; characterized by mammalian qualities, such as nurturing and protective behavior
17. a flight of fa__y *v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy

ANSWERS: 10. process, 11. evolution, 12. thorax, 13. inhale, 14. structure, 15. vertebra, 16. mammalian, 17. fancy

18. sp___l injury *adj.* of or relating to the spine (= the long bone in the body's back)
19. ex___e a big sigh *v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
20. ev_____on theory *n.* a gradual process of transformation of living things
21. di_____ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
22. hor_____al lines *adj.* parallel to the ground or in a baseline; being at the same level as all members of a group
23. the evo_____ary process *adj.* relating to or denoting how living things develop or change from earlier forms
24. cost ba_____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
25. a rid_____us suggestion *adj.* very silly or unreasonable and deserving to be laughed at
26. th___e on pressure *v.* to grow vigorously; to make steady progress
27. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
28. personality tr__ts *n.* a particular feature of your nature

ANSWERS: 18. spinal, 19. exhale, 20. evolution, 21. dinosaur, 22. horizontal, 23. evolutionary, 24. barrier, 25. ridiculous, 26. thrive, 27. structure, 28. trait

29. the steel sk_____on of a building *n.* the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant
30. saltwater cr_____le *n.* a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats
31. a cr_____l issue for women *adj.* extremely vital or necessary
32. the imm_____ty of a rock *n.* the state of being unable to move; the quality of being unable to be moved or changed easily
33. alleviate res_____ry ailments *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
34. res_____on rate *n.* the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide
35. tax br_____t *n.* projecting support or fixture used to attach or bear weight; a small shelf or ledge; a punctuation mark ([]) used to enclose words, numbers, or symbols
36. ecology and evo_____ary biology *adj.* relating to or denoting how living things develop or change from earlier forms
37. hy_____c environment *adj.* relating to or characterized by a deficiency of oxygen, particularly in the body's tissues or organs

ANSWERS: 29. skeleton, 30. crocodile, 31. crucial, 32. immobility, 33. respiratory, 34. respiration, 35. bracket, 36. evolutionary, 37. hypoxic

38. eq__p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
39. mo___n poetry *adj.* of or belonging to the present time or recent times
40. ex_____t by human activity *adj.* no longer in existence
41. car_____us cell *adj.* feeding on the flesh of other animals
42. ma_____an evolution *adj.* of or relating to mammals, a class of warm-blooded vertebrate animals that typically nurse their young and have hair or fur on their skin; characterized by mammalian qualities, such as nurturing and protective behavior
43. pn_____ic cylinder *adj.* relating to or using air or gas under pressure, particularly in machinery or devices; operated by compressed air or gas
44. rec_____ct an image *v.* to build or form something again that has been damaged or destroyed
45. sea sp___e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
46. rocket lau_____ad *n.* a platform or structure designed to support and launch a rocket or other spacecraft into space
47. artificial res_____on *n.* the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide

ANSWERS: 38. equip, 39. modern, 40. extinct, 41. carnivorous, 42. mammalian, 43. pneumatic, 44. reconstruct, 45. sponge, 46. launch-pad, 47. respiration

48. have ho___w legs *adj.* having a hole, empty space inside, or indentation on the surface
49. the ad____ve coloring *adj.* capable of adjusting to new situations or changing conditions
50. am____g advances *adj.* extremely surprising, especially in a way that you like or admire
51. brain and sp___l cord *adj.* of or relating to the spine (= the long bone in the body's back)
52. tropical f___ns *n.* a non-flowering plant with long, feathery fronds that reproduce by spores rather than seeds
53. fossil re____e *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
54. brake a r_b *n.* each of a series of curved bones that are connected to the spine and surround the chest; (adjective) subject to laughter or ridicule
55. 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
56. lack of ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

ANSWERS: 48. hollow, 49. adaptive, 50. amazing, 51. spinal, 52. fern, 53. reptile, 54. rib, 55. process, 56. oxygen

57. in_____e expense reports *v.* to fill something with air or gas so that it becomes bigger and rounder
58. dir_____al sound *adj.* relating to or indicating orientation; having a certain course; related to the management or control of an organization in a particular direction
59. test my hyp_____is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
60. third-generation des_____nt *n.* children or offspring of a specific person, plant, or animal
61. a glass t___e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
62. unsolved my_____y *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
63. the hydrogen binds the ox_____n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
64. an_____y of a country's collapse *n.* the scientific study that deals with the physical structure of humans, animals, or plants
65. to prevent blood sugar sp___es *n.* a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something

ANSWERS: 57. inflate, 58. directional, 59. hypothesis, 60. descendant, 61. tube, 62. mystery, 63. oxygen, 64. anatomy, 65. spike

66. nutrient-de__e foods *adj.* containing a large number of people or something with little space between them
67. fac_____te the process *v.* to make something easier or more likely to happen
68. ex___d agricultural output *v.* to increase or to make something greater in size, number, or importance
69. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
70. work pe___t *v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
71. ce_____g board *n.* a room's top interior surface
72. tooth al_____us *n.* (in the plural, "alveoli") a small, hollow cavity, pit, or socket; the small sacs in the lungs, where gas exchange with the blood occurs
73. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
74. imm_____ze our opponent *v.* to render someone or something unable to move or function normally; to restrain, inhibit, or stop
75. cell me_____nes *n.* a soft, thin layer that forms animal or vegetable tissue
76. loss of muscle ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

ANSWERS: 66. dense, 67. facilitate, 68. expand, 69. adapt, 70. permit, 71. ceiling, 72. alveolus, 73. environment, 74. immobilize, 75. membrane, 76. tissue

77. a facial ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
78. in_____e a tire *v.* to fill something with air or gas so that it becomes bigger and rounder
79. an___r weight *n.* a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability
80. vi_____ze flying through space *v.* to form a mental image or concept of something; to make something visible
81. pre-mo___n agricultural society *adj.* of or belonging to the present time or recent times
82. ve_____te my opinion *v.* to supply fresh air to a room, building, etc.; to remove stale air from it
83. information ba_____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
84. bl_____nt for economic reform *n.* a photographic print of an early plan for a building or machine
85. re_____le each other *v.* to look like or be similar to someone or something
86. res_____ry failure *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
87. f__n leaves *n.* a non-flowering plant with long, feathery fronds that reproduce by spores rather than seeds

ANSWERS: 77. tissue, 78. inflate, 79. anchor, 80. visualize, 81. modern, 82. ventilate, 83. barrier, 84. blueprint, 85. resemble, 86. respiratory, 87. fern

88. pn_____ic tire *adj.* relating to or using air or gas under pressure, particularly in machinery or devices; operated by compressed air or gas
89. fl_____le schedules *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
90. left br_____us *n.* (in the plural, "bronchi") either of the two main branches of the trachea that lead to the lungs and distribute air to the bronchioles and alveoli
91. a sort of ma____l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
92. h__t after knowledge *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
93. biogeographical phy_____ics *n.* the study of the evolutionary relationships and history of organisms based on comparisons of their genetic sequences and other biological characteristics
94. en_____e the flavor of the vanilla *v.* to increase or improve the quality, amount, or strength of someone or something
95. des_____nt of a pioneer *n.* children or offspring of a specific person, plant, or animal
96. sk_____al system *adj.* of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
97. en_____e value *v.* to increase or improve the quality, amount, or strength of someone or something

ANSWERS: 88. pneumatic, 89. flexible, 90. bronchus, 91. mammal, 92. hunt, 93. phylogenetics, 94. enhance, 95. descendant, 96. skeletal, 97. enhance

98. gi__t trees *adj.* enormous; much bigger or more important than similar items usually are
99. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
100. long-ex_____t volcano *adj.* no longer in existence
101. cross-co____n marriage *n.* the child of your aunt or uncle
102. giant li____d *n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail
103. co_____e against a friend *v.* to strive to achieve more success than someone or something
104. a bold hyp_____is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
105. metallic sp____e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
106. a fo____l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
107. a de_____te flavor *adj.* very fine, subtle, and pleasing; easily broken or damaged or destroyed
108. in____e other tissues *v.* to enter aggressively into another's territory by military force for conquest and occupation
109. in____t biology *n.* any small creature that has six legs and a body divided into three sections
110. a pr_____ry bird *adj.* living by eating other animals, especially by catching prey that is still alive

ANSWERS: 98. giant, 99. colleague, 100. extinct, 101. cousin, 102. lizard, 103. compete, 104. hypothesis, 105. sponge, 106. fossil, 107. delicate, 108. invade, 109. insect, 110. predatory

111. di_____fy energy sources *v.* to make something include more different types or things; to spread out activities or investments
112. nuclear me_____ne *n.* a soft, thin layer that forms animal or vegetable tissue
113. la____h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
114. legal fr_____rk *n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
115. re_____le her mother *v.* to look like or be similar to someone or something
116. cr__y about cars and racing *adj.* stupid or not sensible; very angry
117. architect's bl_____nt *n.* a photographic print of an early plan for a building or machine
118. th____x anatomy *n.* the part of an insect's body that bears the wings and legs, located between the head and the abdomen
119. the user in_____ce *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
120. ha__h climate *adj.* severe and unkind; extremely tough and unpleasant to inhabit

ANSWERS: 111. diversify, 112. membrane, 113. launch, 114. framework, 115. resemble, 116. crazy, 117. blueprint, 118. thorax, 119. interface, 120. harsh

121. designed spe_____lly for men *adv.* only associated with or meant for one thing
122. entrepreneurial lau_____ad *n.* a platform or structure designed to support and launch a rocket or other spacecraft into space
123. a fl_____le wire *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
124. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
125. pr_____ry warfare *adj.* living by eating other animals, especially by catching prey that is still alive
126. re_____ve factors *adj.* considered and evaluated through comparison with something else
127. her_____us animals *adj.* describing animals that primarily eat plants; feeding primarily on vegetables
128. the fr_____rk of a house *n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
129. ce_____g light *n.* a room's top interior surface
130. dir_____al antenna *adj.* relating to or indicating orientation; having a certain course; related to the management or control of an organization in a particular direction
131. fa__y a cup of coffee *v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy

ANSWERS: 121. specifically, 122. launch-pad, 123. flexible, 124. specific, 125. predatory, 126. relative, 127. herbivorous, 128. framework, 129. ceiling, 130. directional, 131. fancy

132. a primitive ma___l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
133. eq__p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
134. ve_____ra injury *n.* a bone in the spine, or the spinal column forming the supporting structure of the spine and protecting the spinal cord
135. network se__p *n.* the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone
136. to sp__e *n.* a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something
137. for spe_____lly American customers *adv.* only associated with or meant for one thing
138. al_____us function *n.* (in the plural, "alveoli") a small, hollow cavity, pit, or socket; the small sacs in the lungs, where gas exchange with the blood occurs
139. herbivorous sa_____od *n.* a large, long-necked dinosaur that was dominant during the Jurassic and Cretaceous periods, characterized by its massive sizes and quadrupedal stances, such as Brachiosaurus, Apatosaurus, and Diplodocus

ANSWERS: 132. mammal, 133. equip, 134. vertebra, 135. setup, 136. spike, 137. specifically, 138. alveolus, 139. sauropod

140. str_____ket therapy *n.* a garment or device designed to restrain a person's arms and body, typically used in psychiatric or medical settings to prevent a patient from harming themselves or others
141. de__e forests *adj.* containing a large number of people or something with little space between them
142. take an inf_____le stance *adj.* not able to be changed or adapted; rigid or unyielding
143. telephone ex_____on *n.* a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line
144. pal_____ogy museum *n.* the study of fossils and the history of life on Earth
145. hor_____al stripes *adj.* parallel to the ground or in a baseline; being at the same level as all members of a group
146. animal an_____y *n.* the scientific study that deals with the physical structure of humans, animals, or plants
147. employment co_____ct *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law

ANSWERS: 140. straitjacket, 141. dense, 142. inflexible, 143. extension, 144. paleontology, 145. horizontal, 146. anatomy, 147. contract

148. in___e his privacy *v.* to enter aggressively into another's territory by military force for conquest and occupation
149. in_____te an error *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
150. la_____pe painting *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
151. mental str_____ket *n.* a garment or device designed to restrain a person's arms and body, typically used in psychiatric or medical settings to prevent a patient from harming themselves or others
152. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
153. hy_____c injury *adj.* relating to or characterized by a deficiency of oxygen, particularly in the body's tissues or organs
154. carbon dioxide in the atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
155. r_b cage *n.* each of a series of curved bones that are connected to the spine and surround the chest; (adjective) subject to laughter or ridicule
156. inf_____le rule *adj.* not able to be changed or adapted; rigid or unyielding

ANSWERS: 148. invade, 149. indicate, 150. landscape, 151. straitjacket, 152. evolve, 153. hypoxic, 154. atmosphere, 155. rib, 156. inflexible

157. rei_____ce capital punishment *v.* to bring back something that has been previously abolished or discontinued
158. im_____ry pregnancy *adj.* existing only in someone's mind
159. office se__p *n.* the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone
160. h__t a job *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
161. a ru_____e between friends *n.* a break or tear in something, especially a bodily tissue or a physical object
162. 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
163. phy_____ics tree *n.* the study of the evolutionary relationships and history of organisms based on comparisons of their genetic sequences and other biological characteristics
164. de_____te attention *adj.* very fine, subtle, and pleasing; easily broken or damaged or destroyed
165. in_____al organs *adj.* of or relating to the inside of something
166. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
167. in_____ce between gas and liquid *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things

ANSWERS: 157. reintroduce, 158. imaginary, 159. setup, 160. hunt, 161. rupture, 162. advantage, 163. phylogenetics, 164. delicate, 165. internal, 166. amazing, 167. interface

168. pe___t application *v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
169. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
170. fac_____te a smooth transition *v.* to make something easier or more likely to happen
171. s_c contents *n.* a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant
172. my____y novel *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
173. rec_____ct the original text *v.* to build or form something again that has been damaged or destroyed
174. di____e cloud *adj.* spread out widely; not concentrated in one place
175. do l__g transplantaion *n.* either of the two organs in the chest that people and some animals use for breathing
176. blo_____am to the brain *n.* the blood flowing through the body
177. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
178. do_____ce of traits *n.* the state or quality of being the most powerful or influential person or group

ANSWERS: 168. permit, 169. biology, 170. facilitate, 171. sac, 172. mystery, 173. reconstruct, 174. diffuse, 175. lung, 176. bloodstream, 177. adapt, 178. dominance

179. l__g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
180. tooth ca___y *n.* an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground
181. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
182. a peaceful la_____pe *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
183. a cr__y scheme *adj.* stupid or not sensible; very angry
184. notable in_____ce *n.* a particular example or single occurrence of something
185. th___e in a society *v.* to grow vigorously; to make steady progress
186. im_____ry number *adj.* existing only in someone's mind
187. ex___t species *adj.* still in existence; surviving or currently present
188. in___t antenna *n.* any small creature that has six legs and a body divided into three sections
189. ri__d rules *adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending
190. ex___d a lineup *v.* to increase or to make something greater in size, number, or importance

ANSWERS: 179. lung, 180. cavity, 181. biology, 182. landscape, 183. crazy, 184. instance, 185. thrive, 186. imaginary, 187. extant, 188. insect, 189. rigid, 190. expand

191. ana_____al elements *adj.* of or relating to the structure of the body and its parts
192. severe cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
193. es_____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
194. vi_____ze data *v.* to form a mental image or concept of something; to make something visible
195. the spinal co____n *n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
196. su_____e a plane crash *v.* to live or exist despite a dangerous event or period
197. re_____e exhibition *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
198. for in_____ce *n.* a particular example or single occurrence of something
199. vertebrate pal_____ogy *n.* the study of fossils and the history of life on Earth
200. ex____t documents *adj.* still in existence; surviving or currently present
201. br_____t placement *n.* projecting support or fixture used to attach or bear weight; a small shelf or ledge; a punctuation mark ([]) used to enclose words, numbers, or symbols

ANSWERS: 191. anatomical, 192. critic, 193. estimate, 194. visualize, 195. column, 196. survive, 197. reptile, 198. instance, 199. paleontology, 200. extant, 201. bracket

202. th____od fossils *n.* a type of carnivorous dinosaur that existed during the Mesozoic Era and is characterized by having three-toed limbs, a stiff tail, and sharp teeth, such as the Tyrannosaurus and Velociraptor
203. li____d leather *n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail
204. her____us diet *adj.* describing animals that primarily eat plants; feeding primarily on vegetables
205. aquatic car____us mammal *adj.* feeding on the flesh of other animals
206. cr____l information *adj.* extremely vital or necessary
207. emotional imm____ty *n.* the state of being unable to move; the quality of being unable to be moved or changed easily
208. obsolete fos____ed ways *adj.* transformed into a fossil (= something preserved in rock for a very long period) or preserved in the form of a fossil; antiquated or inflexible
209. business div____ion *n.* the act of expanding a business or portfolio by adding new products, services, or investments to reduce risk and increase profitability
210. imm____ze the city *v.* to render someone or something unable to move or function normally; to restrain, inhibit, or stop
211. 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

ANSWERS: 202. theropod, 203. lizard, 204. herbivorous, 205. carnivorous, 206. crucial, 207. immobility, 208. fossilized, 209. diversification, 210. immobilize, 211. branch

212. ana_____al structure *adj.* of or relating to the structure of the body and its parts
213. burning of fo____l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
214. the in_____al economy *adj.* of or relating to the inside of something
215. blo_____am in an artery *n.* the blood flowing through the body
216. rei_____ce species *v.* to bring back something that has been previously abolished or discontinued
217. sk_____on hand *n.* the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant
218. di_____on of lightning *n.* a spreading motion in multiple directions
219. hulking di_____ur *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
220. the ul_____te goal in life *adj.* furthest or highest in degree or order
221. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
222. the ru_____e of a blood vessel *n.* a break or tear in something, especially a bodily tissue or a physical object
223. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

ANSWERS: 212. anatomical, 213. fossil, 214. internal, 215. bloodstream, 216. reintroduce, 217. skeleton, 218. diffusion, 219. dinosaur, 220. ultimate, 221. environment, 222. rupture, 223. tube

224. su____e a blizzard *v.* to live or exist despite a dangerous event or period
225. time ex_____on *n.* a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line
226. a convivial atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
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 c__e about the crime *n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery
229. th_____od teeth *n.* a type of carnivorous dinosaur that existed during the Mesozoic Era and is characterized by having three-toed limbs, a stiff tail, and sharp teeth, such as the Tyrannosaurus and Velociraptor
230. a co____n of water *n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument

ANSWERS: 224. survive, 225. extension, 226. atmosphere, 227. planet, 228. clue, 229. theropod, 230. column

231. sa____od fossils *n.* a large, long-necked dinosaur that was dominant during the Jurassic and Cretaceous periods, characterized by its massive sizes and quadrupedal stances, such as Brachiosaurus, Apatosaurus, and Diplodocus
232. collaborate with co____ues *n.* one of a group of a coworker, especially in a profession or a business
233. industry-sp____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
234. do____ce relationship *n.* the state or quality of being the most powerful or influential person or group
235. es____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
236. com____ve viewpoint *adj.* relating to the comparison of different things or groups; denoting a degree of difference or comparison between two or more things; characterized by comparison or contrast
237. co____ct law *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
238. com____ve analysis *adj.* relating to the comparison of different things or groups; denoting a degree of difference or comparison between two or more things; characterized by comparison or contrast

ANSWERS: 231. sauropod, 232. colleague, 233. specific, 234. dominance, 235. estimate, 236. comparative, 237. contract, 238. comparative

239. gi__t tech company *adj.* enormous; much bigger or more important than similar items usually are
240. ho___w sound *adj.* having a hole, empty space inside, or indentation on the surface
241. the di_____on of knowledge *n.* a spreading motion in multiple directions
242. in_____te a preference *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
243. chemical tr__t *n.* a particular feature of your nature
244. co___n's family *n.* the child of your aunt or uncle
245. a fos_____ed grove *adj.* transformed into a fossil (= something preserved in rock for a very long period) or preserved in the form of a fossil; antiquated or inflexible
246. ri_____e pain *n.* the bony structure in the chest that protects the heart and lungs, composed of twelve pairs of curved bones called ribs that are joined to the spine in the back and the breastbone (sternum) in the front
247. 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
248. abdominal s_c *n.* a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant

ANSWERS: 239. giant, 240. hollow, 241. diffusion, 242. indicate, 243. trait, 244. cousin, 245. fossilized, 246. ribcage, 247. advantage, 248. sac

249. di____e bleeding *adj.* spread out widely; not concentrated in one place
250. ri____e injury *n.* the bony structure in the chest that protects the heart and lungs, composed of twelve pairs of curved bones called ribs that are joined to the spine in the back and the breastbone (sternum) in the front
251. la____h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
252. in____e the smoke *v.* to breathe in air or a different substance, such as smoke
253. an____r bolt *n.* a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability
254. co____e fiercely *v.* to strive to achieve more success than someone or something
255. a c__e to the diagnosis *n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery
256. ve____te air *v.* to supply fresh air to a room, building, etc.; to remove stale air from it
257. di____fy my portfolio *v.* to make something include more different types or things; to spread out activities or investments

ANSWERS: 249. diffuse, 250. ribcage, 251. launch, 252. inhale, 253. anchor, 254. compete, 255. clue, 256. ventilate, 257. diversify

258. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
259. div_____ion of products *n.* the act of expanding a business or portfolio by adding new products, services, or investments to reduce risk and increase profitability
260. ca___y filling *n.* an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground
261. art cr___c *n.* someone who expresses opinions about the quality of books, music, etc.
262. a rid_____us amount of money *adj.* very silly or unreasonable and deserving to be laughed at
263. ri__d structure *adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending
264. ad_____ve technology *adj.* capable of adjusting to new situations or changing conditions

ANSWERS: 258. evolve, 259. diversification, 260. cavity, 261. critic, 262. ridiculous, 263. rigid, 264. adaptive

Session 3: Fill in the Blanks

1. I have no intention to _____ your privacy.
v. to enter aggressively into another's territory by military force for conquest and occupation

2. It's important to _____ the room to avoid the buildup of harmful gases.
v. to supply fresh air to a room, building, etc.; to remove stale air from it

3. The scientist conducted a study that provided _____ details about the species' behavior.
adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

4. The _____ jets gradually dominate the world's airlines.
adj. enormous; much bigger or more important than similar items usually are

5. The fresh green trees cast a _____ web of shadows over the lawn.
adj. very fine, subtle, and pleasing; easily broken or damaged or destroyed

6. The _____ tail regenerates if severed.
n. a reptile that has a relatively long body, two pairs of legs, and a tapering tail

7. They've decided to _____ a ruined castle.
v. to build or form something again that has been damaged or destroyed

8. A business plan is a _____ for your success.
n. a photographic print of an early plan for a building or machine

ANSWERS: 1. invade, 2. ventilate, 3. specific, 4. giant, 5. delicate, 6. lizard's, 7. reconstruct, 8. blueprint

9. Eyeless fish _____ in dark caves.

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

10. You can be more _____ and creative in your approach.

adj. able to change or be changed to suit new conditions or situations; able to bend easily

11. I placed my valuables in the ____ before heading out on my hike.

n. a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant

12. These birds can only _____ in temperate climates.

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

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

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

14. 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

15. Many species have become _____ due to habitat destruction and other human activities.

adj. no longer in existence

16. 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

ANSWERS: 9. evolved, 10. flexible, 11. sac, 12. survive, 13. critics, 14. process, 15. extinct, 16. biology

17. The ____ train was packed with commuters during rush hour.
- n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
18. The company implemented a new software system to _____ employee communication and collaboration.
- v.* to make something easier or more likely to happen
19. _____ milk is known to be rich in protein and essential vitamins.
- adj.* of or relating to mammals, a class of warm-blooded vertebrate animals that typically nurse their young and have hair or fur on their skin; characterized by mammalian qualities, such as nurturing and protective behavior
20. The mechanic used a _____ drill to repair the engine.
- adj.* relating to or using air or gas under pressure, particularly in machinery or devices; operated by compressed air or gas
21. The police couldn't find a ____ to her whereabouts.
- n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery
22. The paramedics had to _____ the accident victim to prevent further injury during transport to the hospital.
- v.* to render someone or something unable to move or function normally; to restrain, inhibit, or stop
23. The accident caused a cracked ____.
- n.* each of a series of curved bones that are connected to the spine and surround the chest; (adjective) subject to laughter or ridicule

ANSWERS: 17. tube, 18. facilitate, 19. Mammalian, 20. pneumatic, 21. clue, 22. immobilize, 23. rib

24. Damage to the walls of an _____ can lead to reduced lung function.
n. (in the plural, "alveoli") a small, hollow cavity, pit, or socket; the small sacs in the lungs, where gas exchange with the blood occurs
25. The new strategy will _____ the profitability of our company.
v. to increase or improve the quality, amount, or strength of someone or something
26. The dinosaur bones were so old that they had been wholly _____ turning to stone over millions of years.
adj. transformed into a fossil (= something preserved in rock for a very long period) or preserved in the form of a fossil; antiquated or inflexible
27. They hope to _____ their business worldwide.
v. to increase or to make something greater in size, number, or importance
28. The researcher separated the nervous _____ for microscopic examinations.
n. an ensemble of similar cells of the animal or plant that together carry out a specific function
29. Direct lighting is preferable to _____ lighting when reading.
adj. spread out widely; not concentrated in one place
30. The passenger grabbed for the _____ mask.
n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
31. They study the _____ of the universe.
n. a gradual process of transformation of living things

ANSWERS: 24. alveolus, 25. enhance, 26. fossilized, 27. expand, 28. tissue, 29. diffuse, 30. oxygen, 31. evolution

32. The prime minister faced _____ criticism.

adj. severe and unkind; extremely tough and unpleasant to inhabit

33. This inclusive environment has allowed the plant species to _____.

v. to make something include more different types or things; to spread out activities or investments

34. Management must take _____ responsibility for the accident.

adj. furthest or highest in degree or order

35. The recent _____ in grain prices is partly due to the war in the producing countries.

n. a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something

36. Many ancient artifacts are still _____ and can be viewed in museums worldwide.

adj. still in existence; surviving or currently present

37. The organizational _____ of start-ups is often flat and straightforward.

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

38. You must _____ with others to obtain this position.

v. to strive to achieve more success than someone or something

39. His _____ schedule did not allow for any changes.

adj. not able to be changed or adapted; rigid or unyielding

ANSWERS: 32. harsh, 33. diversify, 34. ultimate, 35. spike, 36. extant, 37. structure, 38. compete, 39. inflexible

40. The company has maintained its _____ in the market for several years.
n. the state or quality of being the most powerful or influential person or group
41. Cancer cells are often carried throughout the body by the _____.
n. the blood flowing through the body
42. The company's _____ strategy helped them weather the economic downturn.
n. the act of expanding a business or portfolio by adding new products, services, or investments to reduce risk and increase profitability
43. He was unpopular because of his _____ adherence to the rules.
adj. extremely strict and difficult to change or adapt; incapable of or resistant to bending
44. 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
45. The _____ for the conference was impressive and professional.
n. the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone
46. Koalas are _____ marsupials that mainly feed on eucalyptus leaves.
adj. describing animals that primarily eat plants; feeding primarily on vegetables
47. The patient was put in a _____ to prevent self-harm.
n. a garment or device designed to restrain a person's arms and body, typically used in psychiatric or medical settings to prevent a patient from harming themselves or others

ANSWERS: 40. dominance, 41. bloodstream, 42. diversification, 43. rigid, 44. environment, 45. setup, 46. herbivorous, 47. straitjacket

48. These _____ are more prevalent above a certain latitude.
n. any small creature that has six legs and a body divided into three sections
49. Alligators are a type of _____ that live in swamps and rivers.
n. a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
50. Loud noises might harm the fragile ear _____.
n. a soft, thin layer that forms animal or vegetable tissue
51. The _____ study of different cultures is fascinating and informative.
adj. relating to the comparison of different things or groups; denoting a degree of difference or comparison between two or more things; characterized by comparison or contrast
52. The _____ surrounding the disappearance of the traveler has yet to be solved by authorities.
n. something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
53. This ad campaign is aimed _____ at young women.
adv. only associated with or meant for one thing
54. The tree had a _____ trunk, which made it easy for animals to take shelter inside.
adj. having a hole, empty space inside, or indentation on the surface
55. They are building an _____ to the house to add more bedrooms.
n. a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line

ANSWERS: 48. insects, 49. reptile, 50. membrane, 51. comparative, 52. mystery, 53. specifically, 54. hollow, 55. extension

56. I have a _____ in one of my molars and must schedule a dentist appointment.
n. an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground
57. The ship dropped _____ in the bay.
n. a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability
58. The tiny marine _____ has existed for more than 500 million years.
n. a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
59. I advised him to _____ to his new surroundings.
v. to make fit for or change to suit a new purpose or environment
60. 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
61. Without investment, a business cannot _____.
v. to grow vigorously; to make steady progress
62. She tried to _____ the layout of the new house in her mind.
v. to form a mental image or concept of something; to make something visible
63. The entire mountain is covered in _____ rainforest.
adj. containing a large number of people or something with little space between them

ANSWERS: 56. cavity, 57. anchor, 58. sponge, 59. adapt, 60. branch, 61. thrive, 62. visualize, 63. dense

64. 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
65. It was the _____ of a dinosaur tooth.
- n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
66. A fault line _____ can cause significant damage and destruction to surrounding areas.
- n.* a break or tear in something, especially a bodily tissue or a physical object
67. Those warriors' _____ are still skilled archers.
- n.* children or offspring of a specific person, plant, or animal
68. The government is planning to _____ wolves to the national park to restore the balance of the ecosystem.
- v.* to bring back something that has been previously abolished or discontinued
69. Marine _____ populations are declining worldwide due to ocean pollution.
- n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
70. The space program has invested heavily in the construction of a new _____.
- n.* a platform or structure designed to support and launch a rocket or other spacecraft into space
71. The police placed a _____ across the street to halt traffic.
- n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

ANSWERS: 64. advantages, 65. fossil, 66. rupture, 67. descendants, 68. reintroduce, 69. mammal, 70. launch-pad, 71. barrier

72. Due to the _____ of television and video, cinema theaters had a small audience.
- n.* a spreading motion in multiple directions
73. This evidence supports the big-bang _____.
- n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
74. He took a deep breath and slowly began to _____.
- v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
75. The company signed a _____ with the supplier for the delivery of goods.
- n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
76. The airplane crash resulted in the _____ of several passengers due to their injuries.
- n.* the state of being unable to move; the quality of being unable to be moved or changed easily
77. He _____ deeply, trying to calm down.
- v.* to breathe in air or a different substance, such as smoke
78. Everyone regarded the theory he advocated as _____ but was later proven correct.
- adj.* very silly or unreasonable and deserving to be laughed at
79. The teacher will not _____ any students to leave the classroom early.
- v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization

ANSWERS: 72. diffusion, 73. hypothesis, 74. exhale, 75. contract, 76. immobility, 77. inhaled, 78. ridiculous, 79. permit

80. The discovery of a new _____ species made headlines in the scientific community.
- n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
81. The insect's _____ is the middle section, where the wings and legs attach.
- n.* the part of an insect's body that bears the wings and legs, located between the head and the abdomen
82. My interest in _____ research began when I visited a natural history museum and saw a display of fossils from the Jurassic period.
- n.* the study of fossils and the history of life on Earth
83. Recent electoral shocks have shaken the political _____ in Europe.
- n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
84. Little children tend to have _____ friends.
- adj.* existing only in someone's mind
85. The spaceship began to burn up as it approached the Earth's _____.
- n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
86. The airplane's new _____ radar system allowed for safer and more efficient travel.
- adj.* relating to or indicating orientation; having a certain course; related to the management or control of an organization in a particular direction
87. The _____ learning system adjusts the difficulty level of the lessons based on the student's performance.
- adj.* capable of adjusting to new situations or changing conditions

ANSWERS: 80. dinosaur, 81. thorax, 82. paleontology, 83. landscape, 84. imaginary, 85. atmosphere, 86. directional, 87. adaptive

88. 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
89. He uses a _____ traction machine for his treatment.
- n.* a bone in the spine, or the spinal column forming the supporting structure of the spine and protecting the spinal cord
90. I need to hang these shelves with the help of some sturdy _____.
- n.* projecting support or fixture used to attach or bear weight; a small shelf or ledge; a punctuation mark ([]) used to enclose words, numbers, or symbols
91. The construction company _____ the building with an earthquake-resistant device.
- v.* to provide a person or a place with the things that are needed for a particular purpose or activity
92. The company is set to _____ its new product line next month.
- v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
93. The _____ dinosaur preyed on other animals.
- adj.* feeding on the flesh of other animals
94. Her research focuses on molecular _____ which uses gene sequences to study evolutionary relationships.
- n.* the study of the evolutionary relationships and history of organisms based on comparisons of their genetic sequences and other biological characteristics
95. _____ 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

ANSWERS: 88. colleague, 89. vertebra, 90. brackets, 91. equipped, 92. launch, 93. carnivorous, 94. phylogenetics, 95. Evolutionary

96. The older man was skinny and _____ and not in good health.

adj. of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated

97. The rain and thunder are _____ today.

adj. stupid or not sensible; very angry

98. The brothers _____ each other in the hobby.

v. to look like or be similar to someone or something

99. The data _____ that the company's profits have steadily increased over the past quarter.

v. to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

100. The doctor carefully monitored the patient's _____ during the surgery.

n. the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide

101. The prime minister canceled visits to other countries to resolve _____ disputes.

adj. of or relating to the inside of something

102. The newspaper devoted several _____ to the affair.

n. one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument

103. The surgeon carefully confirmed how to remove the tumor to avoid damaging the _____ nerves.

adj. of or relating to the spine (= the long bone in the body's back)

ANSWERS: 96. skeletal, 97. crazy, 98. resemble, 99. indicates, 100. respiration, 101. internal, 102. columns, 103. spinal

104. The _____ dinosaur was one of the fiercest predators of the prehistoric era.
n. a type of carnivorous dinosaur that existed during the Mesozoic Era and is characterized by having three-toed limbs, a stiff tail, and sharp teeth, such as the Tyrannosaurus and Velociraptor
105. The _____ model of the human body was used to teach medical students.
adj. of or relating to the structure of the body and its parts
106. The professor explained the _____ of the nervous system.
n. the scientific study that deals with the physical structure of humans, animals, or plants
107. He devised a new analytical _____ to capture the phenomenon.
n. the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
108. Airplanes need _____ tails to improve stability.
adj. parallel to the ground or in a baseline; being at the same level as all members of a group
109. 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
110. I used to play with my younger male _____ when I was a little girl.
n. the child of your aunt or uncle
111. The high altitude caused a _____ condition, making it difficult to breathe.
adj. relating to or characterized by a deficiency of oxygen, particularly in the body's tissues or organs

ANSWERS: 104. theropod, 105. anatomical, 106. anatomy, 107. framework, 108. horizontal, 109. planet, 110. cousins, 111. hypoxic

112. The long necks of _____ allowed them to reach high vegetation.
n. a large, long-necked dinosaur that was dominant during the Jurassic and Cretaceous periods, characterized by its massive sizes and quadrupedal stances, such as Brachiosaurus, Apatosaurus, and Diplodocus
113. The revitalization of technology companies is _____ to the country's growth.
adj. extremely vital or necessary
114. These articles cite five _____ of climate change.
n. a particular example or single occurrence of something
115. The _____ attack left the villagers in a state of shock and fear
n. a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats
116. Smoking damages the _____ and increases the risk of lung cancer.
n. (in the plural, "bronchi") either of the two main branches of the trachea that lead to the lungs and distribute air to the bronchioles and alveoli
117. Their headquarters are in a _____ skyscraper.
adj. of or belonging to the present time or recent times
118. I don't _____ acting in such an important role.
v. to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy
119. Chronic _____ disorders, such as asthma, can significantly impact a person's quality of life.
adj. relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air

ANSWERS: 112. sauropods, 113. crucial, 114. instances, 115. crocodile, 116. bronchus, 117. modern, 118. fancy, 119. respiratory

120. There was a crack in the _____ that I found.

n. a room's top interior surface

121. The garden was filled with various plants, including a beautiful maidenhair _____.

n. a non-flowering plant with long, feathery fronds that reproduce by spores rather than seeds

122. The golfer recorded an _____ distance.

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

123. Multiple genes may influence behavioral _____ concurrently.

n. a particular feature of your nature

124. After the accident, the doctors found multiple fractures in his _____ and advised him complete rest.

n. the bony structure in the chest that protects the heart and lungs, composed of twelve pairs of curved bones called ribs that are joined to the spine in the back and the breastbone (sternum) in the front

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

adj. considered and evaluated through comparison with something else

126. 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

127. She _____ the balloons for the party.

v. to fill something with air or gas so that it becomes bigger and rounder

128. He has terminal _____ cancer.

n. either of the two organs in the chest that people and some animals use for breathing

ANSWERS: 120. ceiling, 121. fern, 122. amazing, 123. traits, 124. ribcage, 125. relatives, 126. hunt, 127. inflated, 128. lung

129. Scientists studied the ancient _____ to learn more about the creature's anatomy.

n. the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant

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

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

131. The domesticated cat still has its _____ instincts.

adj. living by eating other animals, especially by catching prey that is still alive

132. Detergent weakens the surface tension at the _____ of two liquids.

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

ANSWERS: 129. skeleton, 130. estimated, 131. predatory, 132. interface