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Vocabulary Builder Reference from...

Zeresenay Alemseged: The search for humanity's roots | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

converge

v. to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet

synonym : congregate, assemble, concentrate

(1) **converge** of a series, (2) **converge** from different points

The two rivers **converge** into one near this area.

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.

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.

ancestor

n. a person from whom one is descended; a forefather
synonym: forebear, forefather, progenitor

(1) **ancestor** language, (2) earliest human **ancestor**

My remote **ancestor** immigrated to the United States from Ireland in the 1800s.

upright

adj. perpendicular to a horizontal surface or line; (adverb) in a vertical position

synonym: vertical, perpendicular, plumb

(1) **upright** posture, (2) sit **upright** in a chair

The bookcase was **upright** against the wall.

trace

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

synonym: seek, follow, depict

(1) **trace** a telephone call, (2) **trace** back to medieval times

Let's **trace** the origins of some familiar foreign words.

paleoanthropology

n. the branch of anthropology concerned with the study of human evolution and development through fossilized remains, genetics, and other methods

synonym: prehistoric anthropology, paleontology

(1) **paleoanthropology** expedition, (2) **paleoanthropology** museum

The study of **paleoanthropology** involves analyzing fossil remains to understand the evolution of humans.

define

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

synonym: characterize, depict, express

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

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

explore

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

synonym: analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

discovery

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

synonym: finding, uncovering, detection

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

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

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.

belong

v. to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

synonym: fit, be appropriate, be suitable

(1) **belong** to different species, (2) **belong** to a group

All the books in this section **belong** to the library's rare collection and must be handled carefully.

Australopithecus

n. any of several extinct hominid species that lived in Africa between 4 million and 1 million years ago and are considered to be among the earliest ancestors of modern humans

synonym: hominid, primate, ape

(1) **Australopithecus** skull, (2) **Australopithecus** africanus

Australopithecus fossils have been found in Eastern and Southern Africa.

celebrate

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

synonym : praise, glorify, honor

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

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

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.

significance

n. the importance or value attached to something; the quality of being significant or noteworthy

synonym : importance, value, worth

(1) **significance** level, (2) mystical **significance**

The **significance** of his discovery cannot be overstated.

aft

adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle

(1) **aft** cabin, (2) **aft** view

The **aft** section of the ship suffered significant damage after the collision with the reef.

invite

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

synonym : ask, request, summon

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

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

invitation

n. a spoken or written request to participate or be present or take part in something

synonym : request, asking, proposal

(1) a letter of **invitation**, (2) **invitation** of foreign investment

I will be very happy to accept your **invitation**.

entertainment

n. public shows, films, television, or other performances or activities of enjoying people

synonym : amusement, recreation, enjoyment

(1) an elegant **entertainment**, (2) hour of **entertainment**

The hotel is famous for its **entertainment**, including the casino.

flute

n. a musical instrument consisting of a metal, wood, or bamboo tube with a row of fingerholes and sometimes keys, played by blowing across a hole near one end

synonym : pipe, recorder, whistle

(1) **flute** music, (2) play the **flute**

The **flute** solo in the symphony was beautiful and elevated the overall performance.

bead

n. a small, usually round object made of glass, wood, or plastic that is used for decoration or as part of jewelry

synonym : pearl, droplet, marble

(1) a beautiful **bead**, (2) **bead** curtain

She threaded the **beads** onto the string to make a necklace.

gene

n. the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

synonym : factor, cistron

(1) **gene** expression, (2) **gene** cloning

A defective **gene** is responsible for the disease.

analyze

v. to think about in-depth and evaluate to discover essential features or meaning

synonym : explore, examine, investigate

(1) **analyze** a chemical compound, (2) **analyze** your real motives

The teacher attempted to **analyze** the root cause of our mistake.

humming

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

synonym: buzzing, droning, vibrating

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

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

chimpanzee

n. a small, very intelligent ape found in west and central Africa with black or brown fur

synonym: ape, chimp, pan troglodytes

(1) **chimpanzee** behavior, (2) **chimpanzee** society

Many zoos have **chimpanzee** exhibits, allowing visitors to observe these intelligent primates up close.

diverge

v. to move or extend in different directions from a common point; to branch off or deviate from a path or course

synonym: separate, split, part

(1) **diverge** from tradition, (2) **diverge** from the main topic

As tectonic plates **diverge**, new oceanic crust is formed along mid-ocean ridges.

genetic

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

synonym: hereditary, genetical, inborn

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

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

context

n. the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

synonym: background, setting, environment

(1) historical **context**, (2) legal **context**

It's important to understand the **context** of a situation before making a decision.

ancestry

n. the family or the ethnic descent that you come from
synonym : ancestor, family, descent

(1) a distinguished **ancestry**, (2) prehuman **ancestry**
He looked down on the royal **ancestry** of the neighboring country.

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.

gap

n. a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.

synonym : opening, lacuna, spread

(1) the **gap** between ideal and reality, (2) distance **gap**
Many people are working together to close the gender **gap**.

develop

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

synonym : evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill
We must **develop** a new system to streamline our workflow and increase efficiency.

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.

mechanism

n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

synonym : means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

responsible

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

synonym : accountable, answerable, liable

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

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

gradual

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

synonym : incremental, gradational, piecemeal

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

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

complicated

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

synonym : complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly **complicated**

He did **complicated** pen-and-ink drawings in just a few days.

endeavor

v. to make an earnest attempt or effort; to strive or work hard towards a goal or objective

synonym : attempt, strive, undertake

(1) **endeavor** to succeed, (2) **endeavor** as much as possible

We will **endeavor** to find a solution to the problem as quickly

as possible.

systematic

adj. done or acting according to a determined set of systems or plans:

synonym : periodic, frequent, organized

(1) a **systematic** reformation, (2) **systematic** botany
Science is based on the **systematic** classification of experience.

hostile

adj. unfriendly or aggressively opposed

synonym : unfriendly, aggressive, antagonistic

(1) take up a **hostile** attitude, (2) **hostile** environment
The **hostile** takeover of the company was met with resistance from the employees.

solid

adj. hard or firm; characterized by good substantial quality

synonym : stable, reliable, hard

(1) **solid** ally, (2) **solid** employment measures
The **solid-state** of water is called ice.

shovel

n. a tool with a handle and broad scoop or blade used for digging or moving Earth, coal, snow, or other granular materials

synonym : excavator, scoop, trowel

(1) snow **shovel**, (2) **shovel** blade

The construction workers used a power **shovel** to dig the foundation for the building.

spot

n. a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

synonym : dot, mark, place

(1) beauty **spot**, (2) a **spot** on his honor

This remote **spot** is rarely visited.

vastness

n. the extent or size of something, often describing an ample space or area; the quality of being immense or immense in scale

synonym : immensity, enormity, vastitude

(1) limitless **vastness**, (2) scenic **vastness**

The **vastness** of the ocean was awe-inspiring and humbling.

helpless

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

synonym : defenseless, powerless, susceptible

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

I feel so **helpless** without you.

vulnerable

adj. capable of being hurt or influenced physically or mentally

synonym : susceptible, exposed, weak

(1) a **vulnerable** bridge, (2) **vulnerable** parts of the body

Infants and pregnant women are particularly **vulnerable**.

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.

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.

remains

n. the leftover parts or pieces of something that have been destroyed, removed, or consumed; the physical or biological remains of a deceased person, plant, animal

synonym : leftovers, debris, relic

(1) **remains** of a building, (2) human **remains**

The **remains** of the ancient civilization can still be seen in the city's ruins.

basis

n. the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

synonym : foundation, base, ground

(1) on an equal **basis**, (2) **basis** for calculation

This evidence will form the **basis** for our discussion.

rhinoceros

n. (also rhino) a large, thick-skinned mammal with one or two horns on the nose, typically found in Africa and Asia.

synonym : rhino, horned beast, pachyderm

(1) **rhinoceros** habitat, (2) white **rhinoceros**

The baby **rhinoceros** at the wildlife sanctuary was recently born and is very cute.

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.

desert

n. arid land with little or no vegetation often covered with sand or rocks

(1) **desert** basin, (2) oasis in the **desert**

This region is predominantly **desert**.

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**.

drastic

adj. radical and extreme; likely to have a significant or far-reaching impact

synonym : extreme, fierce, radical

(1) **drastic** measures, (2) make **drastic** revision

The global community is undergoing **drastic** changes at present.

minority

n. the smaller part of a group, especially a number or part representing less than half of the whole; a period before adult legal age

synonym: adolescence, nonage, juvenility

(1) a **minority** position, (2) number of **minority** students
Some ethnic **minority** groups experienced discrimination in society.

widespread

adj. existing or happening in various places or among many people

synonym: across-the-board, overall, general

(1) **widespread** use, (2) **widespread** fear of nuclear war
In medieval times, death punishment was **widespread** and socially accepted.

homosexual

adj. sexually attracted to people of one's own sex

synonym: gay, same-sex attracted

(1) **homosexual** rights, (2) **homosexual** marriage

The law was repealed to protect the rights of **homosexual** citizens.

sapiens

n. the species of modern humans, Homo sapiens

synonym: human, Homo sapiens, humankind

(1) fossil Homo **sapiens**, (2) **sapiens** evolution

Homo **sapiens** is the scientific name for modern humans.

anecdote

n. a short and amusing or interesting story about a real incident or person

synonym: story, account, tale

(1) personal **anecdote**, (2) funny **anecdote**

She entertained the guests with **anecdotes** about her travels and experiences.

rarity

n. the condition or trait of being unusual; something that is unusual

synonym: rareness, infrequency, uncommonness

(1) the **rarity** of the event, (2) book of great **rarity**

Due to their **rarity**, diamonds are expensive.

fieldwork

n. real-world research or study conducted outside a library or laboratory.

(1) meticulous **fieldwork**, (2) perform **fieldwork**

Numerous instances from **fieldwork** show these hypotheses in great detail.

assistant

n. someone who helps or supports someone else to do a job

synonym: aide, helper, associate

(1) an unwilling **assistant**, (2) **assistant** professor

An executive **assistant** director administers each branch.

survey

n. an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions

synonym: study, examination, poll

(1) a comprehensive **survey**, (2) recent **survey**

That **survey** shows that people are accepting the tax increase to some extent.

scared

adj. afraid or frightened

synonym: frightened, fearful, dreading

(1) **scared** all the time, (2) **scared** dog

I'm **scared** of insects.

tiring

adj. causing fatigue, exhaustion, or boredom

synonym: exhausting, fatiguing, draining

(1) mentally **tiring**, (2) **tiring** day

The **tiring** hike through the mountains was worth it for the stunning views.

frustrate

v. to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something

synonym : hinder, thwart, dishearten

(1) **frustrate** the advancement, (2) **frustrate** other team members

The coach explained a strategy to **frustrate** the opponent's schemes to the players.

sandstone

n. a type of rock composed mainly of sand-sized grains of mineral or rock fragments

synonym : arenite

(1) lithic **sandstone**, (2) **sandstone** building

The **sandstone** cliffs along the coast are a natural wonder.

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.

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.

torso

n. the human trunk from the neck to the abdomen

synonym : trunk, body, frame

(1) **torso** injury, (2) a **torso** in bronze

He was hit in the **torso** and was rushed to the hospital.

encase

v. to enclose or cover something in a protective or decorative layer

synonym : encircle, enclose, enclasp

(1) **encase** in glass, (2) **encase** his feet

They **encased** the fragile vase in bubble wrap to protect it during shipping.

bury

v. to place a dead body in the ground, grave, or tomb

synonym : entomb, sink, forget

(1) **bury** in the earth, (2) **bury** emotion

There is plenty of space to **bury** everyone.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

juvenile

adj. relating to or characteristic of youth or young people; immature

synonym : youthful, boyish, childlike

(1) exhibit **juvenile** behavior, (2) **juvenile** justice

The detective suspected that the vandalism was the work of **juvenile** delinquents.

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.

extraordinary

adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

synonym : exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather

He narrated the **extraordinary** story of his adventure.

nowhere

adv. not in, at, or to any place; not anywhere

(1) **nowhere** else to go, (2) come out of **nowhere**

I've been thinking all day and getting **nowhere**.

excitement

n. a feeling of great enthusiasm and eagerness
synonym: thrill, exhilaration, incitement

(1) the **excitement** in the business world, (2) aesthetic **excitement**

The **excitement** of the upcoming concert was palpable among the crowd.

accompany

v. to go somewhere or travel with someone or something
synonym: follow, escort, attend

(1) **accompany** a chicken dish, (2) **accompany** the book
Please let me know if you want to **accompany** me to my hometown.

preparation

n. the activity of getting ready for something or making something ready
synonym: practice, trial, rehearsal

(1) a **preparation** program, (2) the **preparation** of meals
He helped me with the **preparation** of this book.

expose

v. to show something by uncovering it; to make something accessible to some action or influence
synonym: disclose, reveal, uncover

(1) **expose** a crime, (2) **expose** a person to risks
That newspaper **exposed** a political scandal in a big way.

slide

v. to move or cause to move smoothly along a surface without interruption
synonym: glide, drift, drop

(1) **slide** a card across the table, (2) **slide** a glance
If necessary, you can **slide** the front seats forward.

labor

n. productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

synonym : toil, toil, donkeywork

(1) seasonal **labor**, (2) manual **labor**

In several countries, child **labor** is a serious social problem.

minister

n. a person appointed to or a job of a head of a government department

synonym : bishop, official, ambassador

(1) **Minister** for Education, (2) deputy prime **minister**

The **minister** occasionally preaches at this church.

nation

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

synonym : country, state, sovereign entity

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

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

feat

n. a notable or impressive achievement, especially one that requires great skill or bravery

synonym : achievement, accomplishment, exploit

(1) intellectual **feat**, (2) **feat** accomplishment

It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

hallmark

n. a distinctive characteristic or attribute of a person or thing

synonym : symbol, authentication, indication

(1) the **hallmark** of a good scientist, (2) the **hallmark** of modern life

A clear and simple expression is the **hallmark** of good writing.

humanity

n. all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.

synonym : humankind, society, human race

(1) **humanity** at large, (2) mass of **humanity**

They donated large sums of money for the development of **humanity**.

addition

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

synonym: accumulation, expansion, addendum

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

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

skull

n. a bone framework that surrounds the brain and gives the head its shape

synonym: cranium, scalp, brain

(1) **skull** fracture, (2) have a thick **skull**

Archaeologists found a Neanderthal **skull** at that historic site.

comparably

adv. in a manner or to the extent that is similar or equivalent; in a way that can be easily compared

synonym: similarly, equally, correspondingly

(1) **comparably** large group, (2) work **comparably** harder

The results of the study are **comparably** similar to previous research.

bush

n. a plant growing thickly with many small branches and several stiff stems coming up from the root

synonym: copse, scrub, brushwood

(1) trees and **bushes**, (2) a **bush** of hair

I am going to trim this **bush** off.

vertical

adj. upright or perpendicular to a horizontal surface or line

synonym: perpendicular, upright, plumb

(1) **vertical** takeoff, (2) **vertical** axis

The ladder leaned against the **vertical** surface of the building.

forehead

n. the part of the face above the eyebrows and below the hairline; the upper part of the face that extends from the eyes to the hairline

synonym : brow, frontal bone, temple

(1) **forehead** wrinkles, (2) kiss on the **forehead**

The athlete had sweat dripping down her **forehead** after the intense workout.

frontal

adj. relating to the front; situated at or directed towards the front; frontal can also refer to a meteorological term for a weather system that is moving from west to east

synonym : anterior, fore, forward

(1) **frontal** assault, (2) **frontal** attack

He suffered a severe **frontal** collision in the car accident.

cortex

n. the outermost layer of an organ, especially the brain

(1) **cortex** cells, (2) visual **cortex** neuron

The cerebral **cortex** consists of six layers.

canine

adj. relating to or characteristic of dogs or the dog family; having qualities that are similar to those of dogs, such as loyalty or aggressiveness

synonym : laniary, dog-like, doggy

(1) **canine** behavior, (2) **canine** teeth

The veterinarian recommended a **canine-friendly** diet for my dog's health.

exciting

adj. causing a lot of interest or excitement

synonym : exhilarating, stimulating, thrilling

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

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

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym : cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

individual

n. a single person or thing, as distinct from a group
synonym: person, being, self

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

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

primate

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

synonym: ape, monkey, lemur

(1) **primate** species, (2) **primate** sanctuary

Many scientists study **primate** behavior and intelligence.

phenomenon

n. something that exists and can be perceptible, especially one that is not fully understood

synonym: marvel, wonder, splendor

(1) natural **phenomenon**, (2) historical **phenomenon**

A rainbow is a natural **phenomenon**.

dimorphism

n. the occurrence of two distinct forms within a species, often differing in size, color, shape, or other physical traits

synonym: polymorphism, variation, heteromorphism

(1) morphological **dimorphism**, (2) physical **dimorphism**

The sexual **dimorphism** in many bird species is evident in their differently colored plumages.

permanent

adj. lasting for a long time without essential change

synonym: lasting, ceaseless, endless

(1) literature of **permanent** value, (2) **permanent** life insurance

She is searching for a **permanent** residence.

dentition

n. the arrangement, number, and types of teeth in an organism, including both the deciduous (= baby) teeth and permanent teeth

synonym : tooth arrangement, odontiasis

(1) eruption of **dentition**, (2) adult **dentition**

The **dentition** pattern of mammals can provide clues about their dietary habits and evolutionary lineage.

scan

v. to examine something hastily, with the eyes or with a machine, to get information

synonym : look over, scrutinize, browse

(1) **scan** the face of the man, (2) **scan** a document into PDF

She stood on the podium and **scanned** an audience.

normally

adv. usually; under normal conditions

synonym : commonly, generally, naturally

(1) complete **normally**, (2) not **normally** drink much

I don't **normally** take a vacation in the middle of summer.

medical

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

synonym : health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

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.

phrase

n. a group of words that mean something specific when used together

synonym : expression, idiom, term

(1) ready-made **phrases**, (2) noun **phrase**

We bought a Spanish **phrase** book.

infant

n. a baby or very young child

synonym : baby, newborn, tot

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

Mozart was an **infant** prodigy.

adaptation

n. the action or process of changing to suit different conditions

synonym : adaption, adjustment, transformation

(1) **adaptation** ability, (2) language **adaptation**

The company's **adaptation** approach has been highly effective.

brain

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym : intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

cope

v. to deal with and overcome difficulties or problems

synonym : manage, handle, deal with

(1) **cope** with stress, (2) **cope** alone with a child

The company was able to **cope** with the changes in the market by introducing new products.

par

n. a state of being equal to someone or something

synonym : equality, standard, balance

(1) above **par** performance, (2) not up to **par**

Shares in the company finally fell below their **par** value.

characteristic

n. a typical feature or quality that can identify, tell apart, or describe something or somebody

synonym : feature, quality, attribute

(1) stripes **characteristic** of the zebra, (2) my friend's **characteristic** laugh

Bananas have their **characteristic** taste and odor.

childhood

n. the state or time of being a child

synonym : youth, infancy, adolescence

(1) since **childhood**, (2) **childhood** development

He had fond memories of his **childhood** spent playing in the park with his friends.

extended

adj. longer than usual or anticipated

synonym : extensive, prolonged, elongated

(1) **extended** vacation, (2) **extended** payment

The **extended** airport runways may accommodate larger jets.

dependence

n. the state or condition of relying or depending on someone or something else; a relationship in which one person or thing is influenced, controlled, or supported by another

synonym : reliance, trust, addiction

(1) **dependence** on technology, (2) financial **dependence**

The patient's **dependence** on painkillers became a serious concern for their healthcare team.

organization

n. a group of people who work together for a shared purpose

synonym : association, institution, community

(1) **organization** chart, (2) agricultural **organization**

She is the president of a large international **organization**.

complexity

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

synonym : intricacy, sophistication, elaboration

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

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

emerge

v. to move out of or away from something and become visible

synonym : arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty

During colonial eras, new migratory patterns **emerged**.

cuspid

n. a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved

synonym : point, apex, tip

(1) **cuspid** of change, (2) a single **cuspid**

The project was on the **cuspid** of success and needed a little more funding.

unite

v. to come or join together as one; to combine or merge separate elements, individuals, or groups into a single entity or whole; to form a union or alliance

synonym : join, merge, connect

(1) **unite** our resources, (2) **unite** against a common enemy

The school's diversity club worked to **unite** students from all different backgrounds.

unique

adj. being the only one of its kind; unlike anything else

synonym : one-of-a-kind, unparalleled, incomparable

(1) a **unique** teacher, (2) **unique** design

The painting is **unique**, and there is no other like it.

hyoid

n. a U-shaped bone located in the neck, situated above the larynx and below the base of the tongue, serving as an attachment point for various muscles and aiding in swallowing and speech production

synonym : throat bone, tongue bone, horseshoe bone

(1) anatomy **hyoid**, (2) fractured **hyoid**

The **hyoid** bone plays a crucial role in swallowing and speech production.

tongue

n. a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language

synonym : lingo, language, vocabulary

(1) native **tongue**, (2) **tongue** cancer

The **tongue** is boneless, but it is as strong as bones.

ape *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
synonym: monkey, primate, simian
(1) jungle **ape**, (2) play the **ape**
The scientist studied the behavior of **apes** in the wild.

demonstrate *v.* to display something or give an exhibition to an interested audience
synonym: show, illustrate, display
(1) **demonstrate** a difference, (2) **demonstrate** mastery
How can you **demonstrate** that the earth is a sphere?

progressive *adj.* relating to or supporting development or advancement, especially social or political one
synonym: advanced, forward-thinking, modern
(1) **progressive** taxation, (2) **progressive** development
The **progressive** approach to education emphasizes hands-on learning and student-centered classrooms.

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.

summarize *v.* to give a brief statement of the most important facts or ideas about something
synonym: recap, outline, digest
(1) **summarizes** the main ideas, (2) **summarize** text
Each chapter **summarizes** the most critical issues.

essentially *adv.* relating to the essential features or concepts of anything
synonym: fundamentally, basically, virtually
(1) **essentially** correct, (2) become **essentially** same

Essentially, a society is an organism.

preserve

v. to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

synonym: conserve, care for, maintain

(1) **preserve** my strength, (2) **preserve** a country's heritage
They worked hard to **preserve** the nature of their native lands.

bias

n. a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment

synonym: inclination, partiality, predilection

(1) **bias** against a big company, (2) have a **bias** toward socialism
She researched gender **bias** in politics.

mar

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

synonym: damage, deface, disfigure

(1) **mar** a proper relationship, (2) **mar** the reputation
The scratches on the car **marred** its otherwise perfect appearance.

occupy

v. to consume all of someone's space, attention, or time

synonym: inhabit, settle, populate

(1) **occupy** his time, (2) **occupy** a position
The young prince will soon **occupy** the throne.

absence

n. the fact or condition of being away from a place where they are typically anticipated to be

synonym: dearth, scarcity, lack

(1) **absence** from work, (2) a leave of **absence**
Another critical factor of child poverty is the father's **absence**.

specimen

n. an individual example or sample of something, typically used to represent a larger group or category

synonym: example, sample, model

(1) **specimen** collection, (2) botanical **specimen**

The biology teacher showed the students a frog **specimen** so they could examine its anatomy.

extract

n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

synonym: excerpt, quote, distillation

(1) a brief **extract** from the book, (2) botanical **extract**

Anesthetize the gum before **extracting** the teeth.

sophistication

n. the quality or state of having a great deal of worldly experience; the quality or state of being intellectually or culturally refined

synonym: refinement, culture, elegance

(1) cultural **sophistication**, (2) linguistic **sophistication**

The new technology added a level of **sophistication** to the manufacturing process.

ancient

adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

synonym: archaic, age-old, obsolete

(1) pre-Christian **ancient**, (2) **ancient** stories

They have been living near water since **ancient** times.

legacy

n. something that is handed down from an earlier generation or time, often something that has had a significant impact on subsequent generations; a bequest made by a person in their will, often money or property

synonym: inheritance, bequest, estate

(1) financial **legacy**, (2) cultural **legacy**

Her **legacy** as a philanthropist will live on for generations to

come.

universe

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

synonym : cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**
The **universe** is about 13.8 billion years old.

probable

adj. likely to happen or likely to be true

synonym : likely, possible, potential

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

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

decide

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

synonym : choose, determine, settle

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

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

primitive

adj. of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style

synonym : elementary, naive, rudimentary

(1) **primitive** society, (2) artifact of a **primitive** humankind

The industry in this country is still **primitive**.

chronic

adj. being long-lasting and recurrent or characterized by long suffering; habitual

synonym : established, regular, constant

(1) risk of **chronic** disease, (2) **chronic** alcohol consumption

Chronic hyperglycemia is a trigger for a variety of serious diseases.

needless

adj. describing something unnecessary, pointless, or superfluous and could be avoided without any harm or adverse consequences

synonym : unnecessary, pointless, superfluous

(1) **needless** argument, (2) **needless** waste

This **needless** paperwork is wasting our time and resources.

competent

adj. having the necessary ability, knowledge, or skill to do something successfully

synonym : skilled, able, capable

(1) **competent** authority, (2) **competent** personnel

The judge ruled that the defendant was **competent** to stand trial.

promote

v. to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank

synonym : boost, raise, advertise

(1) **promote** a better relationship, (2) **promote** bad behavior

The government should do more to **promote** sustainable agribusiness.

confident

adj. feeling sure about your abilities or qualities or having trust in people, plans, or the future

synonym : certain, sure, convinced

(1) feel **confident**, (2) a **confident** remark

I'm not **confident** in our victory.

peaceful

adj. not involving violence, conflict, or war

synonym : friendly, pacific, amicable

(1) **peaceful** country, (2) **peaceful** coexistence

Plutonium has limited **peaceful** applications.

independence

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

synonym : freedom, liberty, autonomy

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

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

cognizant

adj. aware of or knowledgeable about something; having consciousness or recognition of something

synonym: aware, mindful, conscious

(1) **cognizant** of the risk, (2) become **cognizant**

I have to be **cognizant** of my budget when I go on vacation.

attitude

n. the way you think and feel about someone or something

synonym: mindset, perspective, philosophy

(1) **attitude** toward mistakes, (2) **attitude** control

She had the **attitude** that work was fun.

concentration

n. the ability to focus all your time and energy on one thing without thinking about anything else.

synonym: attention, engagement, assiduity

(1) **concentration** of armaments, (2) his research area of **concentration**

This exam requires excellent **concentration** to pass.

Session 2: Spelling

1. ready-made ph___es
n. a group of words that mean something specific when used together
2. pr____ve society
adj. of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style
3. in___e guests
v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
4. ce_____te his election
v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
5. come out of no____e
adv. not in, at, or to any place; not anywhere
6. at inc_____le speed
adj. unbelievable; enormous
7. his research area of
con_____ion
n. the ability to focus all your time and energy on one thing without thinking about anything else.
8. b__y in the earth
v. to place a dead body in the ground, grave, or tomb
9. literature of pe_____nt value
adj. lasting for a long time without essential change
10. 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: 1. phrase, 2. primitive, 3. invite, 4. celebrate, 5. nowhere, 6. incredible, 7. concentration, 8. bury, 9. permanent, 10. column

11. pr____le outcome *adj.* likely to happen or likely to be true
12. ex____ng football player *adj.* causing a lot of interest or excitement
13. en____e in glass *v.* to enclose or cover something in a protective or decorative layer
14. g__e cloning *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
15. pr____le cause of a fire *adj.* likely to happen or likely to be true
16. pr____ve a country's heritage *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
17. ve____al takeoff *adj.* upright or perpendicular to a horizontal surface or line
18. ex____e our options *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
19. co____nt authority *adj.* having the necessary ability, knowledge, or skill to do something successfully
20. environmental det____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
21. hour of ent____ent *n.* public shows, films, television, or other performances or activities of enjoying people

ANSWERS: 11. probable, 12. exciting, 13. encase, 14. gene, 15. probable, 16. preserve, 17. vertical, 18. explore, 19. competent, 20. determinant, 21. entertainment

22. es____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
23. di____e from the main topic *v.* to move or extend in different directions from a common point; to branch off or deviate from a path or course
24. to____e cancer *n.* a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language
25. dem____te mastery *v.* to display something or give an exhibition to an interested audience
26. 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
27. fossil Homo sa____s *n.* the species of modern humans, Homo sapiens
28. above p_r performance *n.* a state of being equal to someone or something
29. cultural le____y *n.* something that is handed down from an earlier generation or time, often something that has had a significant impact on subsequent generations; a bequest made by a person in their will, often money or property
30. ho____e environment *adj.* unfriendly or aggressively opposed
31. the ra____y of the event *n.* the condition or trait of being unusual; something that is unusual
32. be____g to different species *v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

ANSWERS: 22. estimate, 23. diverge, 24. tongue, 25. demonstrate, 26. mammal, 27. sapiens, 28. par, 29. legacy, 30. hostile, 31. rarity, 32. belong

33. a co_____nt remark *adj.* feeling sure about your abilities or qualities or having trust in people, plans, or the future
34. pr_____e sanctuary *n.* any mammal of the order Primates, which includes monkeys, apes, and humans
35. visual co___x neuron *n.* the outermost layer of an organ, especially the brain
36. since ch_____od *n.* the state or time of being a child
37. an elegant ent_____ent *n.* public shows, films, television, or other performances or activities of enjoying people
38. have a thick sk__l *n.* a bone framework that surrounds the brain and gives the head its shape
39. co___x cells *n.* the outermost layer of an organ, especially the brain
40. morphological dim_____sm *n.* the occurrence of two distinct forms within a species, often differing in size, color, shape, or other physical traits
41. sc___d dog *adj.* afraid or frightened
42. perform fi_____rk *n.* real-world research or study conducted outside a library or laboratory.
43. noun ph___e *n.* a group of words that mean something specific when used together
44. 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
45. white rhi_____os *n.* (also rhino) a large, thick-skinned mammal with one or two horns on the nose, typically found in Africa and Asia.

ANSWERS: 33. confident, 34. primate, 35. cortex, 36. childhood, 37. entertainment, 38. skull, 39. cortex, 40. dimorphism, 41. scared, 42. fieldwork, 43. phrase, 44. mammal, 45. rhinoceros

55. complete no_____ly *adv.* usually; under normal conditions
56. ne_____ss waste *adj.* describing something unnecessary, pointless, or superfluous and could be avoided without any harm or adverse consequences
57. a gr_____l process *adj.* happening slowly over a long period of time or distance; not steep or abrupt
58. pe_____nt life insurance *adj.* lasting for a long time without essential change
59. en_____e his feet *v.* to enclose or cover something in a protective or decorative layer
60. trees and b____hes *n.* a plant growing thickly with many small branches and several stiff stems coming up from the root
61. fr_____te other team members *v.* to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something
62. pre-Christian an_____t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
63. Aus_____cus africanus *n.* any of several extinct hominid species that lived in Africa between 4 million and 1 million years ago and are considered to be among the earliest ancestors of modern humans
64. com_____ly large group *adv.* in a manner or to the extent that is similar or equivalent; in a way that can be easily compared

ANSWERS: 55. normally, 56. needless, 57. gradual, 58. permanent, 59. encase, 60. bush, 61. frustrate, 62. ancient, 63. Australopithecus, 64. comparably

65. a beautiful b__d *n.* a small, usually round object made of glass, wood, or plastic that is used for decoration or as part of jewelry
66. sl__e a card across the table *v.* to move or cause to move smoothly along a surface without interruption
67. expansion of the un____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
68. pro____ve development *adj.* relating to or supporting development or advancement, especially social or political one
69. risk of ch____c disease *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
70. su____ze text *v.* to give a brief statement of the most important facts or ideas about something
71. beauty s__t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
72. mystical sig____nce *n.* the importance or value attached to something; the quality of being significant or noteworthy
73. rhi____os habitat *n.* (also rhino) a large, thick-skinned mammal with one or two horns on the nose, typically found in Africa and Asia.
74. sh__l blade *n.* a tool with a handle and broad scoop or blade used for digging or moving Earth, coal, snow, or other granular materials

ANSWERS: 65. bead, 66. slide, 67. universe, 68. progressive, 69. chronic, 70. summarize, 71. spot, 72. significance, 73. rhinoceros, 74. shovel

75. sys_____ic botany *adj.* done or acting according to a determined set of systems or plans:
76. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
77. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
78. ne_____ss argument *adj.* describing something unnecessary, pointless, or superfluous and could be avoided without any harm or adverse consequences
79. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
80. ext_____ary weather *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
81. pe_____ul coexistence *adj.* not involving violence, conflict, or war
82. at_____de toward mistakes *n.* the way you think and feel about someone or something
83. book of great ra____y *n.* the condition or trait of being unusual; something that is unusual
84. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
85. make dr_____c revision *adj.* radical and extreme; likely to have a significant or far-reaching impact
86. funny an_____te *n.* a short and amusing or interesting story about a real incident or person

ANSWERS: 75. systematic, 76. genetic, 77. medical, 78. needless, 79. responsible, 80. extraordinary, 81. peaceful, 82. attitude, 83. rarity, 84. medical, 85. drastic, 86. anecdote

87. sp___l injury *adj.* of or relating to the spine (= the long bone in the body's back)
88. to__o injury *n.* the human trunk from the neck to the abdomen
89. es_____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
90. a gr_____l change *adj.* happening slowly over a long period of time or distance; not steep or abrupt
91. botanical sp_____en *n.* an individual example or sample of something, typically used to represent a larger group or category
92. ch_____od development *n.* the state or time of being a child
93. 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
94. earliest human an_____or *n.* a person from whom one is descended; a forefather
95. pal_____ogy museum *n.* the branch of anthropology concerned with the study of human evolution and development through fossilized remains, genetics, and other methods
96. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
97. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery

ANSWERS: 87. spinal, 88. torso, 89. estimate, 90. gradual, 91. specimen, 92. childhood, 93. process, 94. ancestor, 95. paleoanthropology, 96. humming, 97. feat

98. b__y emotion *v.* to place a dead body in the ground, grave, or tomb
99. scenic va_____ss *n.* the extent or size of something, often describing an ample space or area; the quality of being immense or immense in scale
100. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
101. theory of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
102. exhibit ju_____le behavior *adj.* relating to or characteristic of youth or young people; immature
103. a fo___l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
104. play the a_e *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
105. a to__o in bronze *n.* the human trunk from the neck to the abdomen
106. em___e as a butterfly *v.* to move out of or away from something and become visible
107. a pre_____on program *n.* the activity of getting ready for something or making something ready
108. play the fl__e *n.* a musical instrument consisting of a metal, wood, or bamboo tube with a row of fingerholes and sometimes keys, played by blowing across a hole near one end

ANSWERS: 98. bury, 99. vastness, 100. amazing, 101. universe, 102. juvenile, 103. fossil, 104. ape, 105. torso, 106. emerge, 107. preparation, 108. flute

109. re____s of a building *n.* the leftover parts or pieces of something that have been destroyed, removed, or consumed; the physical or biological remains of a deceased person, plant, animal
110. en____or to succeed *v.* to make an earnest attempt or effort; to strive or work hard towards a goal or objective
111. human ev_____on *n.* a gradual process of transformation of living things
112. hu____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
113. financial ind_____nce *n.* freedom from another's or others' control or influence
114. brain and sp___l cord *adj.* of or relating to the spine (= the long bone in the body's back)
115. cultural sop_____ion *n.* the quality or state of having a great deal of worldly experience; the quality or state of being intellectually or culturally refined
116. a mi____ty position *n.* the smaller part of a group, especially a number or part representing less than half of the whole; a period before adult legal age
117. a_t view *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
118. fr____l attack *adj.* relating to the front; situated at or directed towards the front; frontal can also refer to a meteorological term for a weather system that is moving from west to east

ANSWERS: 109. remains, 110. endeavor, 111. evolution, 112. humming, 113. independence, 114. spinal, 115. sophistication, 116. minority, 117. aft, 118. frontal

119. an_____t stories *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
120. become co_____nt *adj.* aware of or knowledgeable about something; having consciousness or recognition of something
121. su_____zes the main ideas *v.* to give a brief statement of the most important facts or ideas about something
122. the ha_____rk of a good scientist *n.* a distinctive characteristic or attribute of a person or thing
123. sa_____s evolution *n.* the species of modern humans, Homo sapiens
124. natural phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
125. fo_____ad wrinkles *n.* the part of the face above the eyebrows and below the hairline; the upper part of the face that extends from the eyes to the hairline
126. hu_____ty at large *n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
127. 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
128. ada_____on ability *n.* the action or process of changing to suit different conditions
129. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers

ANSWERS: 119. ancient, 120. cognizant, 121. summarize, 122. hallmark, 123. sapiens, 124. phenomenon, 125. forehead, 126. humanity, 127. skeleton, 128. adaptation, 129. addition

130. sa_____ne building *n.* a type of rock composed mainly of sand-sized grains of mineral or rock fragments
131. en_____or as much as possible *v.* to make an earnest attempt or effort; to strive or work hard towards a goal or objective
132. the pre_____on of meals *n.* the activity of getting ready for something or making something ready
133. m_r a proper relationship *v.* to damage or spoil the appearance or surface of something
134. a letter of inv_____on *n.* a spoken or written request to participate or be present or take part in something
135. pe_____ul country *adj.* not involving violence, conflict, or war
136. artifact of a pr_____ve humankind *adj.* of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style
137. a private ind_____al *n.* a single person or thing, as distinct from a group
138. legal co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
139. defense me_____sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
140. pro_____ve taxation *adj.* relating to or supporting development or advancement, especially social or political one

ANSWERS: 130. sandstone, 131. endeavor, 132. preparation, 133. mar, 134. invitation, 135. peaceful, 136. primitive, 137. individual, 138. context, 139. mechanism, 140. progressive

141. 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
142. ess_____ly correct *adv.* relating to the essential features or concepts of anything
143. as_____nt professor *n.* someone who helps or supports someone else to do a job
144. oc___y a position *v.* to consume all of someone's space, attention, or time
145. ch_____c alcohol consumption *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
146. kiss on the fo_____ad *n.* the part of the face above the eyebrows and below the hairline; the upper part of the face that extends from the eyes to the hairline
147. ind_____al freedom *n.* a single person or thing, as distinct from a group
148. oc___y his time *v.* to consume all of someone's space, attention, or time
149. b__d curtain *n.* a small, usually round object made of glass, wood, or plastic that is used for decoration or as part of jewelry
150. he_____ss victims *adj.* unable to take care of oneself or to do things without help
151. stripes cha_____tic of the zebra *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
152. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture

ANSWERS: 141. skeleton, 142. essentially, 143. assistant, 144. occupy, 145. chronic, 146. forehead, 147. individual, 148. occupy, 149. bead, 150. helpless, 151. characteristic, 152. nation

153. ext_____ary ability *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
154. inv_____on of foreign investment *n.* a spoken or written request to participate or be present or take part in something
155. physical dim_____sm *n.* the occurrence of two distinct forms within a species, often differing in size, color, shape, or other physical traits
156. pr_____e a better relationship *v.* to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank
157. financial le____y *n.* something that is handed down from an earlier generation or time, often something that has had a significant impact on subsequent generations; a bequest made by a person in their will, often money or property
158. hom_____al rights *adj.* sexually attracted to people of one's own sex
159. work com_____ly harder *adv.* in a manner or to the extent that is similar or equivalent; in a way that can be easily compared
160. sk__l fracture *n.* a bone framework that surrounds the brain and gives the head its shape
161. no_____e else to go *adv.* not in, at, or to any place; not anywhere
162. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 153. extraordinary, 154. invitation, 155. dimorphism, 156. promote, 157. legacy, 158. homosexual, 159. comparably, 160. skull, 161. nowhere, 162. discovery

163. m_r the reputation *v.* to damage or spoil the appearance or surface of something
164. jungle a_e *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
165. dr____c measures *adj.* radical and extreme; likely to have a significant or far-reaching impact
166. 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
167. become ess_____ly same *adv.* relating to the essential features or concepts of anything
168. a b__h of hair *n.* a plant growing thickly with many small branches and several stiff stems coming up from the root
169. prehuman an____ry *n.* the family or the ethnic descent that you come from
170. Aus_____cus skull *n.* any of several extinct hominid species that lived in Africa between 4 million and 1 million years ago and are considered to be among the earliest ancestors of modern humans
171. an____or language *n.* a person from whom one is descended; a forefather
172. c__p of change *n.* a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved

ANSWERS: 163. mar, 164. ape, 165. drastic, 166. planet, 167. essentially, 168. bush, 169. ancestry, 170. Australopithecus, 171. ancestor, 172. cusp

173. wid_____ad use *adj.* existing or happening in various places or among many people
174. the evo_____ary process *adj.* relating to or denoting how living things develop or change from earlier forms
175. personal an_____te *n.* a short and amusing or interesting story about a real incident or person
176. he_____ss baby *adj.* unable to take care of oneself or to do things without help
177. a brief ex_____t from the book *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
178. ex_____ng news *adj.* causing a lot of interest or excitement
179. co_____nt personnel *adj.* having the necessary ability, knowledge, or skill to do something successfully
180. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
181. be_____g to a group *v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
182. ju_____le justice *adj.* relating to or characteristic of youth or young people; immature
183. ex_____e the world *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

ANSWERS: 173. widespread, 174. evolutionary, 175. anecdote, 176. helpless, 177. extract, 178. exciting, 179. competent, 180. biology, 181. belong, 182. juvenile, 183. explore

184. sp_____en collection *n.* an individual example or sample of something, typically used to represent a larger group or category
185. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
186. ex_____ed vacation *adj.* longer than usual or anticipated
187. wid_____ad fear of nuclear war *adj.* existing or happening in various places or among many people
188. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
189. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
190. oasis in the de___t *n.* arid land with little or no vegetation often covered with sand or rocks
191. seasonal la__r *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
192. lithic sa_____ne *n.* a type of rock composed mainly of sand-sized grains of mineral or rock fragments
193. take up a ho_____e attitude *adj.* unfriendly or aggressively opposed
194. di_____e from tradition *v.* to move or extend in different directions from a common point; to branch off or deviate from a path or course

ANSWERS: 184. specimen, 185. define, 186. extended, 187. widespread, 188. complexity, 189. brain, 190. desert, 191. labor, 192. sandstone, 193. hostile, 194. diverge

195. financial dep_____ce
n. the state or condition of relying or depending on someone or something else; a relationship in which one person or thing is influenced, controlled, or supported by another
196. a sys_____ic reformation
adj. done or acting according to a determined set of systems or plans:
197. tr__e a telephone call
v. to find or discover someone or something that was lost
198. ca___e teeth
adj. relating to or characteristic of dogs or the dog family; having qualities that are similar to those of dogs, such as loyalty or aggressiveness
199. de___t basin
n. arid land with little or no vegetation often covered with sand or rocks
200. pr_____e bad behavior
v. to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank
201. ba__s for calculation
n. the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
202. snow sh___l
n. a tool with a handle and broad scoop or blade used for digging or moving Earth, coal, snow, or other granular materials
203. sit up_____t in a chair
adj. perpendicular to a horizontal surface or line; (adverb) in a vertical position
204. cognitive com_____ty
n. the state or quality of being complicated or intricate and difficult to understand

ANSWERS: 195. dependence, 196. systematic, 197. trace, 198. canine, 199. desert, 200. promote, 201. basis, 202. shovel, 203. upright, 204. complexity

205. ind_____nce ceremony *n.* freedom from another's or others' control or influence
206. historical phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
207. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
208. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
209. language ada_____on *n.* the action or process of changing to suit different conditions
210. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
211. linguistic sop_____ion *n.* the quality or state of having a great deal of worldly experience; the quality or state of being intellectually or culturally refined
212. dep_____ce on technology *n.* the state or condition of relying or depending on someone or something else; a relationship in which one person or thing is influenced, controlled, or supported by another
213. a single c__p *n.* a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved
214. tr__e back to medieval times *v.* to find or discover someone or something that was lost

ANSWERS: 205. independence, 206. phenomenon, 207. determinant, 208. feat, 209. adaptation, 210. genetic, 211. sophistication, 212. dependence, 213. cusp, 214. trace

215. eruption of de_____on *n.* the arrangement, number, and types of teeth in an organism, including both the deciduous (= baby) teeth and permanent teeth
216. ex___e a person to risks *v.* to show something by uncovering it; to make something accessible to some action or influence
217. an unwilling as_____nt *n.* someone who helps or supports someone else to do a job
218. historical co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
219. con_____ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
220. un___e our resources *v.* to come or join together as one; to combine or merge separate elements, individuals, or groups into a single entity or whole; to form a union or alliance
221. in___t food *n.* a baby or very young child
222. botanical ex_____t *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
223. hom_____al marriage *adj.* sexually attracted to people of one's own sex

ANSWERS: 215. dentition, 216. expose, 217. assistant, 218. context, 219. concentration, 220. unite, 221. infant, 222. extract, 223. homosexual

224. manual la__r *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
225. mentally ti___g *adj.* causing fatigue, exhaustion, or boredom
226. ev_____on theory *n.* a gradual process of transformation of living things
227. so__d employment measures *adj.* hard or firm; characterized by good substantial quality
228. org_____ion chart *n.* a group of people who work together for a shared purpose
229. ac_____ny the book *v.* to go somewhere or travel with someone or something
230. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
231. ve_____al axis *adj.* upright or perpendicular to a horizontal surface or line
232. chi_____ee society *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
233. a comprehensive su___y *n.* an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions
234. 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

ANSWERS: 224. labor, 225. tiring, 226. evolution, 227. solid, 228. organization, 229. accompany, 230. brain, 231. vertical, 232. chimpanzee, 233. survey, 234. planet

235. c__e with stress *v.* to deal with and overcome difficulties or problems
236. distance g_p *n.* a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
237. co_____nt of the risk *adj.* aware of or knowledgeable about something; having consciousness or recognition of something
238. b__s against a big company *n.* a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment
239. a leave of ab_____e *n.* the fact or condition of being away from a place where they are typically anticipated to be
240. the ha_____rk of modern life *n.* a distinctive characteristic or attribute of a person or thing
241. co_____ge of a series *v.* to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet
242. a seafaring na____n *n.* a large organized community of people living in a particular country or region and having a particular culture
243. Mi_____er for Education *n.* a person appointed to or a job of a head of a government department
244. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
245. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire

ANSWERS: 235. cope, 236. gap, 237. cognizant, 238. bias, 239. absence, 240. hallmark, 241. converge, 242. nation, 243. minister, 244. complicated, 245. amazing

246. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
247. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
248. un___e design *adj.* being the only one of its kind; unlike anything else
249. on an equal ba__s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
250. vertebrate pal_____ogy *n.* the study of fossils and the history of life on Earth
251. not no_____ly drink much *adv.* usually; under normal conditions
252. number of mi_____ty students *n.* the smaller part of a group, especially a number or part representing less than half of the whole; a period before adult legal age
253. ti___g day *adj.* causing fatigue, exhaustion, or boredom
254. ex_____ed payment *adj.* longer than usual or anticipated
255. 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
256. fr_____te the advancement *v.* to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something

ANSWERS: 246. mechanism, 247. complicated, 248. unique, 249. basis, 250. paleontology, 251. normally, 252. minority, 253. tiring, 254. extended, 255. fossil, 256. frustrate

257. de____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
258. inc_____le amount *adj.* unbelievable; enormous
259. the g_p between ideal and reality *n.* a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
260. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
261. pal_____ogy museum *n.* the study of fossils and the history of life on Earth
262. sc____d all the time *adj.* afraid or frightened
263. fr_____l assault *adj.* relating to the front; situated at or directed towards the front; frontal can also refer to a meteorological term for a weather system that is moving from west to east
264. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 257. develop, 258. incredible, 259. gap, 260. addition, 261. paleontology, 262. scared, 263. frontal, 264. process

265. pal_____ogy expedition *n.* the branch of anthropology concerned with the study of human evolution and development through fossilized remains, genetics, and other methods
266. s__n the face of the man *v.* to examine something hastily, with the eyes or with a machine, to get information
267. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
268. a un___e teacher *adj.* being the only one of its kind; unlike anything else
269. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
270. agricultural org_____ion *n.* a group of people who work together for a shared purpose
271. up_____t posture *adj.* perpendicular to a horizontal surface or line; (adverb) in a vertical position
272. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
273. so__d ally *adj.* hard or firm; characterized by good substantial quality
274. 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

ANSWERS: 265. paleoanthropology, 266. scan, 267. environment, 268. unique, 269. decide, 270. organization, 271. upright, 272. scan, 273. solid, 274. column

275. meticulous fi_____rk *n.* real-world research or study conducted outside a library or laboratory.
276. ex_____t by human activity *adj.* no longer in existence
277. fractured hy__d *n.* a U-shaped bone located in the neck, situated above the larynx and below the base of the tongue, serving as an attachment point for various muscles and aiding in swallowing and speech production
278. not up to p_r *n.* a state of being equal to someone or something
279. co_____ge from different points *v.* to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet
280. mass of hu_____ty *n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
281. ab_____e from work *n.* the fact or condition of being away from a place where they are typically anticipated to be
282. adult de_____on *n.* the arrangement, number, and types of teeth in an organism, including both the deciduous (= baby) teeth and permanent teeth
283. un__e against a common enemy *v.* to come or join together as one; to combine or merge separate elements, individuals, or groups into a single entity or whole; to form a union or alliance
284. a_t cabin *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle

ANSWERS: 275. fieldwork, 276. extinct, 277. hyoid, 278. par, 279. converge, 280. humanity, 281. absence, 282. dentition, 283. unite, 284. aft

285. ecology and evo_____ary biology *adj.* relating to or denoting how living things develop or change from earlier forms
286. pr_____ve my strength *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
287. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
288. long-ex_____t volcano *adj.* no longer in existence
289. native to_____e *n.* a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language
290. at_____de control *n.* the way you think and feel about someone or something
291. limitless va_____ss *n.* the extent or size of something, often describing an ample space or area; the quality of being immense or immense in scale
292. feel co_____nt *adj.* feeling sure about your abilities or qualities or having trust in people, plans, or the future
293. em_____e from poverty *v.* to move out of or away from something and become visible
294. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
295. sig_____nce level *n.* the importance or value attached to something; the quality of being significant or noteworthy

ANSWERS: 285. evolutionary, 286. preserve, 287. biology, 288. extinct, 289. tongue, 290. attitude, 291. vastness, 292. confident, 293. emerge, 294. analyze, 295. significance

296. aesthetic exc_____nt *n.* a feeling of great enthusiasm and eagerness
297. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
298. vul_____le parts of the body *adj.* capable of being hurt or influenced physically or mentally
299. have a b__s toward socialism *n.* a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment
300. c__e alone with a child *v.* to deal with and overcome difficulties or problems
301. a distinguished an_____ry *n.* the family or the ethnic descent that you come from
302. ac_____ny a chicken dish *v.* to go somewhere or travel with someone or something
303. anatomy hy__d *n.* a U-shaped bone located in the neck, situated above the larynx and below the base of the tongue, serving as an attachment point for various muscles and aiding in swallowing and speech production
304. a s__t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
305. a vul_____le bridge *adj.* capable of being hurt or influenced physically or mentally
306. sl__e a glance *v.* to move or cause to move smoothly along a surface without interruption

ANSWERS: 296. excitement, 297. responsible, 298. vulnerable, 299. bias, 300. cope, 301. ancestry, 302. accompany, 303. hyoid, 304. spot, 305. vulnerable, 306. slide

307. ce_____te Christmas *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
308. fl__e music *n.* a musical instrument consisting of a metal, wood, or bamboo tube with a row of fingerholes and sometimes keys, played by blowing across a hole near one end
309. deputy prime mi_____er *n.* a person appointed to or a job of a head of a government department
310. pr_____e species *n.* any mammal of the order Primates, which includes monkeys, apes, and humans
311. my friend's cha_____tic laugh *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
312. de___e a word *v.* to state or explain precisely the nature, scope, or meaning of something
313. chi_____ee behavior *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
314. human re_____s *n.* the leftover parts or pieces of something that have been destroyed, removed, or consumed; the physical or biological remains of a deceased person, plant, animal
315. g__e expression *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

ANSWERS: 307. celebrate, 308. flute, 309. minister, 310. primate, 311. characteristic, 312. define, 313. chimpanzee, 314. remains, 315. gene

Session 3: Fill in the Blanks

1. It seems _____ that he has forgotten our scheduled meeting.
adj. likely to happen or likely to be true
2. The findings of the experiment were both _____ and unexpected.
adj. causing a lot of interest or excitement
3. The ____ section of the ship suffered significant damage after the collision with the reef.
adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
4. The _____ solo in the symphony was beautiful and elevated the overall performance.
n. a musical instrument consisting of a metal, wood, or bamboo tube with a row of fingerholes and sometimes keys, played by blowing across a hole near one end
5. There is nothing more valuable than _____ and freedom.
n. freedom from another's or others' control or influence
6. Many scientists study _____ behavior and intelligence.
n. any mammal of the order Primates, which includes monkeys, apes, and humans
7. The management must _____ strategies to increase office security.
v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

ANSWERS: 1. probable, 2. exciting, 3. aft, 4. flute, 5. independence, 6. primate, 7. explore

8. This remote _____ is rarely visited.
- n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
9. In _____ private corporations provide healthcare services.
- n.* the act or process of adding something to something else; the process of adding numbers
10. During colonial eras, new migratory patterns _____.
- v.* to move out of or away from something and become visible
11. There is plenty of space to _____ everyone.
- v.* to place a dead body in the ground, grave, or tomb
12. I will be very happy to accept your _____.
- n.* a spoken or written request to participate or be present or take part in something
13. The country experienced a _____ increase in population.
- adj.* happening slowly over a long period of time or distance; not steep or abrupt
14. The company's _____ approach has been highly effective.
- n.* the action or process of changing to suit different conditions
15. The _____ pattern of mammals can provide clues about their dietary habits and evolutionary lineage.
- n.* the arrangement, number, and types of teeth in an organism, including both the deciduous (= baby) teeth and permanent teeth

ANSWERS: 8. spot, 9. addition, 10. emerged, 11. bury, 12. invitation, 13. gradual, 14. adaptation, 15. dentition

16. The cerebral _____ consists of six layers.
n. the outermost layer of an organ, especially the brain
17. Many zoos have _____ exhibits, allowing visitors to observe these intelligent primates up close.
n. a small, very intelligent ape found in west and central Africa with black or brown fur
18. The _____ occasionally preaches at this church.
n. a person appointed to or a job of a head of a government department
19. The scientist studied the behavior of _____ in the wild.
n. a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
20. The _____ hike through the mountains was worth it for the stunning views.
adj. causing fatigue, exhaustion, or boredom
21. How can you _____ that the earth is a sphere?
v. to display something or give an exhibition to an interested audience
22. The _____ approach to education emphasizes hands-on learning and student-centered classrooms.
adj. relating to or supporting development or advancement, especially social or political one
23. 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

ANSWERS: 16. cortex, 17. chimpanzee, 18. minister, 19. apes, 20. tiring, 21. demonstrate, 22. progressive, 23. mammal

24. The two rivers _____ into one near this area.
- v. to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet
25. 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
26. If necessary, you can _____ the front seats forward.
- v. to move or cause to move smoothly along a surface without interruption
27. Please let me know if you want to _____ me to my hometown.
- v. to go somewhere or travel with someone or something
28. He suffered a severe _____ collision in the car accident.
- adj. relating to the front; situated at or directed towards the front; frontal can also refer to a meteorological term for a weather system that is moving from west to east
29. The _____ of the ancient civilization can still be seen in the city's ruins.
- n. the leftover parts or pieces of something that have been destroyed, removed, or consumed; the physical or biological remains of a deceased person, plant, animal
30. 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
31. The _____ team worked quickly to save the patient's life.
- adj. relating to the treatment of illness or injuries; relating to the practice of medicine

ANSWERS: 24. converge, 25. skeleton, 26. slide, 27. accompany, 28. frontal, 29. remains, 30. fossil, 31. medical

32. 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
33. The government should do more to _____ sustainable agribusiness.
v. to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank
34. Infants and pregnant women are particularly _____.
adj. capable of being hurt or influenced physically or mentally
35. The company was able to _____ with the changes in the market by introducing new products.
v. to deal with and overcome difficulties or problems
36. We bought a Spanish _____ book.
n. a group of words that mean something specific when used together
37. The _____ of the ocean was awe-inspiring and humbling.
n. the extent or size of something, often describing an ample space or area; the quality of being immense or immense in scale
38. The veterinarian recommended a _____ diet for my dog's health.
adj. relating to or characteristic of dogs or the dog family; having qualities that are similar to those of dogs, such as loyalty or aggressiveness
39. The sexual _____ in many bird species is evident in their differently colored plumages.
n. the occurrence of two distinct forms within a species, often differing in size, color, shape, or other physical traits

ANSWERS: 32. planet, 33. promote, 34. vulnerable, 35. cope, 36. phrase, 37. vastness, 38. canine-friendly, 39. dimorphism

40. He narrated the _____ story of his adventure.

adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

41. 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

42. The baby _____ at the wildlife sanctuary was recently born and is very cute.

n. (also rhino) a large, thick-skinned mammal with one or two horns on the nose, typically found in Africa and Asia.

43. The detective suspected that the vandalism was the work of _____ delinquents.

adj. relating to or characteristic of youth or young people; immature

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

adj. no longer in existence

45. We will _____ to find a solution to the problem as quickly as possible.

v. to make an earnest attempt or effort; to strive or work hard towards a goal or objective

46. The industry in this country is still _____.

adj. of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style

47. The _____ of his discovery cannot be overstated.

n. the importance or value attached to something; the quality of being significant or noteworthy

ANSWERS: 40. extraordinary, 41. columns, 42. rhinoceros, 43. juvenile, 44. extinct, 45. endeavor, 46. primitive, 47. significance

48. I'm _____ of insects.

adj. afraid or frightened

49. An executive _____ director administers each branch.

n. someone who helps or supports someone else to do a job

50. The _____ airport runways may accommodate larger jets.

adj. longer than usual or anticipated

51. They _____ the fragile vase in bubble wrap to protect it during shipping.

v. to enclose or cover something in a protective or decorative layer

52. Mozart was an _____ prodigy.

n. a baby or very young child

53. Bananas have their _____ taste and odor.

n. a typical feature or quality that can identify, tell apart, or describe something or somebody

54. This exam requires excellent _____ to pass.

n. the ability to focus all your time and energy on one thing without thinking about anything else.

55. The _____ is about 13.8 billion years old.

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

56. She is the president of a large international _____.

n. a group of people who work together for a shared purpose

ANSWERS: 48. scared, 49. assistant, 50. extended, 51. encased, 52. infant, 53. characteristic, 54. concentration, 55. universe, 56. organization

57. She had the _____ that work was fun.
n. the way you think and feel about someone or something
58. He looked down on the royal _____ of the neighboring country.
n. the family or the ethnic descent that you come from
59. _____ fossils have been found in Eastern and Southern Africa.
n. any of several extinct hominid species that lived in Africa between 4 million and 1 million years ago and are considered to be among the earliest ancestors of modern humans
60. He helped me with the _____ of this book.
n. the activity of getting ready for something or making something ready
61. She entertained the guests with _____ about her travels and experiences.
n. a short and amusing or interesting story about a real incident or person
62. The coach explained a strategy to _____ the opponent's schemes to the players.
v. to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something
63. The project's _____ made it difficult for the team to complete it on time.
n. the state or quality of being complicated or intricate and difficult to understand
64. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.
n. a notable or impressive achievement, especially one that requires great skill or bravery

ANSWERS: 57. attitude, 58. ancestry, 59. Australopithecus, 60. preparation, 61. anecdotes, 62. frustrate, 63. complexity, 64. feat

65. As tectonic plates _____ new oceanic crust is formed along mid-ocean ridges.
- v.* to move or extend in different directions from a common point; to branch off or deviate from a path or course
66. A clear and simple expression is the _____ of good writing.
- n.* a distinctive characteristic or attribute of a person or thing
67. The construction workers used a power _____ to dig the foundation for the building.
- n.* a tool with a handle and broad scoop or blade used for digging or moving Earth, coal, snow, or other granular materials
68. Let's _____ the origins of some familiar foreign words.
- v.* to find or discover someone or something that was lost
69. This _____ paperwork is wasting our time and resources.
- adj.* describing something unnecessary, pointless, or superfluous and could be avoided without any harm or adverse consequences
70. 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
71. My remote _____ immigrated to the United States from Ireland in the 1800s.
- n.* a person from whom one is descended; a forefather
72. 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: 65. diverge, 66. hallmark, 67. shovel, 68. trace, 69. needless, 70. environment, 71. ancestor, 72. biology

73. We must _____ a new system to streamline our workflow and increase efficiency.

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

74. The ladder leaned against the _____ surface of the building.

- adj.* upright or perpendicular to a horizontal surface or line

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

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

76. One _____ of success is having a positive attitude and a strong work ethic.

- n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

77. The results of the study are _____ similar to previous research.

- adv.* in a manner or to the extent that is similar or equivalent; in a way that can be easily compared

78. I am going to trim this _____ off.

- n.* a plant growing thickly with many small branches and several stiff stems coming up from the root

79. We want to _____ you to our annual charity event.

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

80. I have to be _____ of my budget when I go on vacation.

- adj.* aware of or knowledgeable about something; having consciousness or recognition of something

ANSWERS: 73. develop, 74. vertical, 75. estimated, 76. determinant, 77. comparably, 78. bush, 79. invite, 80. cognizant

81. 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
82. X-rays revealed a small tumor in his _____.
- n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
83. 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
84. Plutonium has limited _____ applications.
- adj.* not involving violence, conflict, or war
85. 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)
86. They have been living near water since _____ times.
- adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
87. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
88. The _____ of water is called ice.
- adj.* hard or firm; characterized by good substantial quality

ANSWERS: 81. process, 82. brain, 83. paleontology, 84. peaceful, 85. spinal, 86. ancient, 87. discovery, 88. solid-state

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

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

90. A defective _____ is responsible for the disease.

n. the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

91. He did _____ pen-and-ink drawings in just a few days.

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

92. The painting is _____ and there is no other like it.

adj. being the only one of its kind; unlike anything else

93. He discovered unique _____ for photochemical reactions.

n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

94. Another critical factor of child poverty is the father's _____.

n. the fact or condition of being away from a place where they are typically anticipated to be

95. The school's diversity club worked to _____ students from all different backgrounds.

v. to come or join together as one; to combine or merge separate elements, individuals, or groups into a single entity or whole; to form a union or alliance

96. The _____ is boneless, but it is as strong as bones.

n. a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a tongue

ANSWERS: 89. individual, 90. gene, 91. complicated, 92. unique, 93. mechanisms, 94. absence, 95. unite, 96. tongue

97. This evidence will form the _____ for our discussion.

- n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

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

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

99. In several countries, child _____ is a serious social problem.

- n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

100. Numerous instances from _____ show these hypotheses in great detail.

- n.* real-world research or study conducted outside a library or laboratory.

101. Shares in the company finally fell below their _____ value.

- n.* a state of being equal to someone or something

102. I feel so _____ without you.

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

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

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

104. Her _____ as a philanthropist will live on for generations to come.

- n.* something that is handed down from an earlier generation or time, often something that has had a significant impact on subsequent generations; a bequest made by a person in their will, often money or property

ANSWERS: 97. basis, 98. nation, 99. labor, 100. fieldwork, 101. par, 102. helpless, 103. define, 104. legacy

105. Each chapter _____ the most critical issues.
v. to give a brief statement of the most important facts or ideas about something
106. The _____ takeover of the company was met with resistance from the employees.
adj. unfriendly or aggressively opposed
107. The new technology added a level of _____ to the manufacturing process.
n. the quality or state of having a great deal of worldly experience; the quality or state of being intellectually or culturally refined
108. The _____ of the upcoming concert was palpable among the crowd.
n. a feeling of great enthusiasm and eagerness
109. It's important to understand the _____ of a situation before making a decision.
n. the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
110. I've been thinking all day and getting _____.
adv. not in, at, or to any place; not anywhere
111. The project was on the _____ of success and needed a little more funding.
n. a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved
112. In medieval times, death punishment was _____ and socially accepted.
adj. existing or happening in various places or among many people

ANSWERS: 105. summarizes, 106. hostile, 107. sophistication, 108. excitement, 109. context, 110. nowhere, 111. cusp, 112. widespread

113. _____ 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

114. Science is based on the _____ classification of experience.

adj. done or acting according to a determined set of systems or plans:

115. He had fond memories of his _____ spent playing in the park with his friends.

n. the state or time of being a child

116. The patient's _____ on painkillers became a serious concern for their healthcare team.

n. the state or condition of relying or depending on someone or something else; a relationship in which one person or thing is influenced, controlled, or supported by another

117. A rainbow is a natural _____.

n. something that exists and can be perceptible, especially one that is not fully understood

118. I don't _____ take a vacation in the middle of summer.

adv. usually; under normal conditions

119. Many people are working together to close the gender ____.

n. a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.

120. Homo _____ is the scientific name for modern humans.

n. the species of modern humans, Homo sapiens

ANSWERS: 113. Evolutionary, 114. systematic, 115. childhood, 116. dependence, 117. phenomenon, 118. normally, 119. gap, 120. sapiens

121. The athlete had sweat dripping down her _____ after the intense workout.
n. the part of the face above the eyebrows and below the hairline; the upper part of the face that extends from the eyes to the hairline
122. The _____ cliffs along the coast are a natural wonder.
n. a type of rock composed mainly of sand-sized grains of mineral or rock fragments
123. She is searching for a _____ residence.
adj. lasting for a long time without essential change
124. They worked hard to _____ the nature of their native lands.
v. to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
125. They donated large sums of money for the development of _____.
n. all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
126. She threaded the _____ onto the string to make a necklace.
n. a small, usually round object made of glass, wood, or plastic that is used for decoration or as part of jewelry
127. She stood on the podium and _____ an audience.
v. to examine something hastily, with the eyes or with a machine, to get information
128. He was hit in the _____ and was rushed to the hospital.
n. the human trunk from the neck to the abdomen

ANSWERS: 121. forehead, 122. sandstone, 123. permanent, 124. preserve, 125. humanity, 126. beads, 127. scanned, 128. torso

129. The scratches on the car _____ its otherwise perfect appearance.
v. to damage or spoil the appearance or surface of something
130. The young prince will soon _____ the throne.
v. to consume all of someone's space, attention, or time
131. That _____ shows that people are accepting the tax increase to some extent.
n. an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions
132. Understanding protein folding is a vital step in deciphering the _____ code.
adj. of or relating to genes (= parts of the DNA in cells) or the science of genes
133. The teacher attempted to _____ the root cause of our mistake.
v. to think about in-depth and evaluate to discover essential features or meaning
134. That newspaper _____ a political scandal in a big way.
v. to show something by uncovering it; to make something accessible to some action or influence
135. The _____ of the bees filled the air as she walked through the garden.
adj. producing a continuous, low, vibrating sound like that of the bee
136. Due to their _____ diamonds are expensive.
n. the condition or trait of being unusual; something that is unusual
137. The global community is undergoing _____ changes at present.
adj. radical and extreme; likely to have a significant or far-reaching impact

ANSWERS: 129. marred, 130. occupy, 131. survey, 132. genetic, 133. analyze, 134. exposed, 135. humming, 136. rarity, 137. drastic

138. _____ a society is an organism.

adv. relating to the essential features or concepts of anything

139. Anesthetize the gum before _____ the teeth.

n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

140. The bookcase was _____ against the wall.

adj. perpendicular to a horizontal surface or line; (adverb) in a vertical position

141. All the books in this section _____ to the library's rare collection and must be handled carefully.

v. to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

142. The golfer recorded an _____ distance.

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

143. The biology teacher showed the students a frog _____ so they could examine its anatomy.

n. an individual example or sample of something, typically used to represent a larger group or category

144. They study the _____ of the universe.

n. a gradual process of transformation of living things

145. She researched gender _____ in politics.

n. a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment

ANSWERS: 138. Essentially, 139. extracting, 140. upright, 141. belong, 142. amazing, 143. specimen, 144. evolution, 145. bias

146. Archaeologists found a Neanderthal _____ at that historic site.

n. a bone framework that surrounds the brain and gives the head its shape

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

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

148. Her response revealed _____ idiocy.

adj. unbelievable; enormous

149. I'm not _____ in our victory.

adj. feeling sure about your abilities or qualities or having trust in people, plans, or the future

150. He _____ the 10th anniversary of his tenure.

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

151. Some ethnic _____ groups experienced discrimination in society.

n. the smaller part of a group, especially a number or part representing less than half of the whole; a period before adult legal age

152. The judge ruled that the defendant was _____ to stand trial.

adj. having the necessary ability, knowledge, or skill to do something successfully

153. The study of _____ involves analyzing fossil remains to understand the evolution of humans.

n. the branch of anthropology concerned with the study of human evolution and development through fossilized remains, genetics, and other methods

ANSWERS: 146. skull, 147. responsible, 148. incredible, 149. confident, 150. celebrated, 151. minority, 152. competent, 153. paleoanthropology

154. The _____ bone plays a crucial role in swallowing and speech production.
- n.* a U-shaped bone located in the neck, situated above the larynx and below the base of the tongue, serving as an attachment point for various muscles and aiding in swallowing and speech production
155. The hotel is famous for its _____ including the casino.
- n.* public shows, films, television, or other performances or activities of enjoying people
156. The law was repealed to protect the rights of _____ citizens.
- adj.* sexually attracted to people of one's own sex
157. _____ hyperglycemia is a trigger for a variety of serious diseases.
- adj.* being long-lasting and recurrent or characterized by long suffering; habitual
158. She couldn't _____ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
159. This region is predominantly _____.
- n.* arid land with little or no vegetation often covered with sand or rocks

ANSWERS: 154. hyoid, 155. entertainment, 156. homosexual, 157. Chronic, 158. decide, 159. desert