

# Englist.me



## Vocabulary Builder Reference from...

*Hendrik Poinar: Bring back the woolly mammoth! |*

*TED Talk*

[https://www.ted.com/talks/hendrik\\_poinar\\_bring\\_back\\_the\\_woolly\\_mammoth](https://www.ted.com/talks/hendrik_poinar_bring_back_the_woolly_mammoth)

### All Words

#### IMPORTANT

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## Session 1: Word List

### gaze

*v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

*synonym*: stare, gawk, look

(1) **gaze** steadily at his face, (2) **gaze** absently out a window

The youngster was **gazed** at by the beast.

### microscope

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

*synonym*: lens, magnifier, eyepiece

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

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

### insect

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

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

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

### amber

*n.* a hard, translucent, yellow-orange or brownish-yellow fossil resin that is used in jewelry and ornamentation and often contains insects or other small organisms that were trapped inside when the resin was sticky; also

used to describe the color that resembles this type of resin

*synonym* : resin, fossilized tree sap, golden stone

(1) **amber** resin, (2) **amber** ale

The bracelet was made of beautiful **amber** stones.

## remarkable

*adj.* worthy of attention because unusual or special

*synonym* : outstanding, exceptional, extraordinary

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

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

## 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.

## morphology

*n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another

*synonym* : structure, form, anatomy

(1) **morphology** of a language, (2) cellular **morphology**

The **morphology** of rocks can reveal clues about their geological history.

## phenomenal

*adj.* extremely good or impressive; outstanding

*synonym* : extraordinary, remarkable, impressive

(1) **phenomenal** success, (2) **phenomenal** growth

The athlete's **phenomenal** performance broke all previous records.

## **crawl**

*v.* to move forward slowly, as people or animals with their bodies near the ground

*synonym*: creep, drag

(1) **crawl** across the floor, (2) **crawl** away from a car

Along the gravel roads, sizeable yellow school buses **crawl**.

## **resin**

*n.* a sticky, viscous substance typically obtained from trees and plants, particularly conifers and evergreens; a material used in the manufacture of adhesives, plastics, and other products, particularly those that require stiffness or abrasion resistance

*synonym*: sap, gum, pitch

(1) tree **resin**, (2) synthetic **resin**

The guitar was coated with a **resin** layer to protect the wood and enhance the tone.

## **sequence**

*n.* a series of related events, actions, numbers, etc., which have a particular order

*synonym*: arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

## **genome**

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

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

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

## **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.

## unlikely

*adj.* not probable or likely to happen

*synonym* : doubtful, questionable, far-fetched

(1) **unlikely** event, (2) it is **unlikely** that he would win the game

The passage of the bill is **unlikely**.

## revive

*v.* to bring back to life, consciousness, or strength; to restore

*synonym* : reanimate, rejuvenate, renew

(1) **revive** my energy, (2) **revive** an old friendship

They **revived** the tradition of holding a parade on the main street every year.

## 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.

## possibility

*n.* a chance that something may happen or be true

*synonym* : chance, prospect, likelihood

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

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

## modern

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

*synonym* : contemporary, stylish, current

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

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

## revival

*n.* an instance of bringing something back to life, popularity, or prominence; a period of renewed interest or enthusiasm in something that was previously considered outdated or old-fashioned

*synonym* : resurgence, reawakening, renaissance

(1) **revival** meeting, (2) **revival** of the economy

The town's economy experienced a **revival** after opening a new factory.

## mosquito

*n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

*synonym* : insect, bug, flea

(1) **mosquito** bite, (2) **mosquito** repellent

A stagnant water area are breeding ground for **mosquitos**.

## inspiration

*n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity

*synonym* : motivation, drive, encouragement

(1) source of **inspiration**, (2) get **inspiration** from nature

He found **inspiration** in the works of his favorite authors.

## woolly

*adj.* covered with thick, soft, and often curly hair or fibers; lacking clarity or precision

*synonym* : fuzzy, hairy, shaggy

(1) **woolly** lambs, (2) **woolly** hair

The sheep had a thick, **woolly** coat to keep it warm in the winter.

## mammoth

*adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene

*synonym* : huge, large

(1) woolly **mammoth**, (2) a **mammoth** ship

The minister decided to review its **mammoth** public works projects.

## permafrost

*n.* a layer of soil that is permanently below freezing, usually in polar regions

(1) **permafrost** area, (2) thawing **permafrost**

**Permafrost** is crucial to soil stability in arctic areas.

## wool

*n.* a textile fiber obtained from the fleece of sheep or certain other animals, used for making clothing and other fabric items

*synonym* : fleece, cashmere

(1) **wool** sweater, (2) **wool** fibers

I love wearing **wool** socks during the winter to keep my feet warm.

## quintessence

*n.* the perfect example of a quality or class

*synonym* : essence, core, heart

(1) the **quintessence** of virtue, (2) **quintessence** of life

The **quintessence** of the author's writing is the depth of emotion conveyed.

## hairy

*adj.* covered with hair or having a furry texture; difficult, dangerous, or complicated

*synonym* : furry, bushy, unkempt

(1) **hairy** situation, (2) **hairy** arms

The new rescue dog was covered in thick, **hairy** fur that kept him warm in cold weather.

## tusk

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

*synonym* : ivory, tush, horn

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

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

## 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.

## educate

*v.* to provide or receive instruction or training over a period of time at a school, university, etc.

*synonym* : instruct, teach, train

(1) **educate** student, (2) **educate** public

The school's mission is to **educate** young children and prepare them for the future.

## kinship

*n.* the state or fact of being related to someone

*synonym*: family, relationship, connection

(1) **kinship** ties, (2) **kinship** relations

She felt a sense of **kinship** with her new colleagues.

## knit

*v.* to make a garment or fabric by interlocking loops of yarn with needles or a machine

*synonym*: weave, crochet, knot

(1) **knit** my eyebrows, (2) **knit** a pair of socks

The grandmother **knit** a warm sweater for her grandchild.

## bound

*v.* to move forward by leaps and bounds; to form the boundary of something

*synonym*: jump, bounce, leap

(1) **bounded** with delight, (2) **bound** up a staircase

Canada **bounds** on the United States.

## origin

*n.* the first existence or beginning of something

*synonym*: root, source, ancestor

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

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

## 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**.

## migrate

*v.* to move from one country or region to another and settle there; to move from one place to another periodically or seasonally

*synonym*:

relocate, emigrate, roam

(1) **migrate** across borders, (2) **migrate** a service  
Many Germans **migrated** to South America in the mid-19th century.

## weigh

*v.* to have a particular weight; to carefully evaluate things before making a conclusion

*synonym*: consider, cogitate, count

(1) **weigh** heavily on stock prices, (2) **weigh** a cargo  
The baby **weighs** 1 pound 3 oz.

## woodland

*n.* land covered with trees and underbrush; a forest

*synonym*: forest, grove, copse

(1) **woodland** creatures, (2) broad-leafed **woodland**  
We walked through the **woodland** and saw many different types of plants and animals.

## climate

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

*synonym*: atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change  
**Climate** and weather have an impact on every part of our lifestyles.

## steppe

*n.* a vast, wide, and usually treeless plain, typically found in semi-arid or arid regions, characterized by fertile soil and grassy vegetation, often used for grazing livestock; an expansive and open grassland ecosystem found in Eurasia and North America

*synonym*: prairie, savannah, grassland

(1) **steppe** climate, (2) barren **steppe**  
The nomadic tribes set up camp on the vast **steppe**.

## grassland

*n.* a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock

*synonym*: meadow, plain, savanna



(1) endangered **grassland**, (2) vast **grassland**

Meadows and pastures are examples of smaller-scale **grasslands** in many parts of the world.

## savannah

*n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close

*synonym*: grassland, plain

(1) **savannah** region, (2) tropical **savannah**

The birds live in tropical forests, **savannahs**, and arid semi-desert environments.

## glacial

*adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement

*synonym*: cold, icy, frozen

(1) **glacial** movements, (2) **glacial** terrain

The **glacial** pace of the negotiations frustrated both parties.

## peak

*n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

*synonym*: summit, vertex, apex

(1) at **peak** hour, (2) the **peak** current in the circuit

This measurement aims to reduce traffic at **peak** periods.

## relative

*adj.* considered and evaluated through comparison with something else

*synonym*: comparative, proximate, congeneric

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

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

## survive

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

*synonym*: endure, persist, stay

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

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

## traumatic

*adj.* relating to or caused by injury, especially emotional injury

*synonym*: distressing

(1) **traumatic** event, (2) **traumatic** brain injury

The experience was so **traumatic** that it left a lasting impact on the survivor's mental health.

## climatic

*adj.* relating to the weather or climate

*synonym*: meteorological, weather-related, atmospheric

(1) long-term **climatic** effect, (2) **climatic** change

The **climatic** conditions in this region were ideal for growing grapes.

## shift

*n.* a slight transition in position, direction, or trend

*synonym*: transition, change, modification

(1) Doppler **shift**, (2) major paradigm **shift**

Could you help me **shift** some furniture?

## transition

*n.* the process or period of changing from one state or circumstance to another

*synonym*: change, growth, shift

(1) **transition** phase, (2) ensure a smooth **transition**

The nation's healthcare system is in **transition** at the moment.

## temperature

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

*synonym*: climate, warmth, degree

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

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

## surprisingly

*adv.* in a way that causes amazement or wonder

*synonym*: exceptionally, notably, unusually

(1) **surprisingly** advanced culture, (2) have **surprisingly** little effect

The exam was **surprisingly** tricky for everyone.

## pyramid

*n.* a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt

*synonym* : monument, edifice, tomb

(1) **pyramid** architecture, (2) a truncated **pyramid**

The Egyptian **pyramids** consist of a vast number of blocks.

## disappear

*v.* to cease to exist or be visible

*synonym* : fade, evaporate, vanish

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

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

## encroach

*v.* to advance beyond the usual or acceptable limit gradually and often without being noticed; to infringe upon someone's territory, rights, privacy, etc.

*synonym* : invade, impinge, infringe

(1) **encroach** on the realm, (2) **encroach** on the habitat of the animal

You have no right to **encroach** on my leisure time.

## dense

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

*synonym* : heavy, thick, idiotic

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

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

## overkill

*n.* an excessive or extreme amount of something, often used to describe an unnecessary or disproportionate use of force or resources

*synonym* : excessive, surplus, extreme

(1) **overkill** strategy, (2) marketing **overkill**

The excessive use of force by the police was an example of **overkill** in their attempt to arrest a suspect.

## hunt

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

*synonym* : chase, pursuit, quest

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

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

## fortunate

*adj.* having good luck or lucky

*synonym* : fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person

He was pretty **fortunate** to pass the exam.

## strew

*v.* to scatter or spread things over an area; to scatter something in an untidy way

*synonym* : scatter, sprinkle, disperse

(1) **strew** the room with balloons, (2) **strew** garbage

The wind **strew** the leaves all over the lawn.

## preservation

*n.* the act of keeping something in its original state or of preventing it from being damaged

*synonym* : conserving, protection, conservancy

(1) wildlife **preservation**, (2) the **preservation** of food

The museum had kept the paintings in remarkable **preservation**.

## intact

*adj.* undamaged and complete

*synonym* : flawless, unchanged, entire

(1) **intact** brain, (2) **intact** forestland

Despite the scandals, his reputation remained **intact**.

## carcass

*n.* the dead body of an animal, especially one that has been killed for food

*synonym* : corpse, remains, body

(1) examine a **carcass**, (2) **carcass** disposal

The animal's **carcass** was found in the forest, most likely killed by a predator.

- 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**.
- survival** *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger  
*synonym* : endurance, continuity  
(1) **survival** ability, (2) **survival** food  
He evaluated his chances for **survival** rather pessimistically.
- depth** *n.* the distance between the top and bottom of something; between the top surface and a distance below it  
*synonym* : deepness, profoundness, extent  
(1) **depth** camera, (2) the **depth** of the water  
The pond's **depth** was around five feet.
- burial** *n.* the act or ceremony of placing a dead body in a grave  
*synonym* : interment, funeral, entombment  
(1) **burial** at sea, (2) a round **burial** mound  
The **burial** ceremony was a somber reminder of his passing.
- constant** *adj.* happening repeatedly or all the time  
*synonym* : ceaseless, stable, unchanging  
(1) a **constant** wind, (2) a **constant** temperature  
**Constant** dropping wears away the stone.
- ultimate** *adj.* furthest or highest in degree or order  
*synonym* : highest, maximum, foremost  
(1) the **ultimate** goal in life, (2) the **ultimate** luxury  
Management must take **ultimate** responsibility for the accident.
- dictate** *v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded  
*synonym* :

read out, prescribe, order

(1) **dictate** a letter to secretary, (2) **dictate** to the associate  
The allies **dictated** the terms of surrender to the country.

## geology

*n.* a science that deals with the history of the earth as recorded in rocks

*synonym*: earth science

(1) bureau of **geology**, (2) local **geology**

He was a visiting **geology** professor at the University of Tokyo.

## frame

*n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

*synonym*: body, skeleton, scaffolding

(1) a picture **frame**, (2) the **frame** of the policy

The detective looked for fingerprints on the window **frame**.

## consistency

*n.* the quality of acting or being done in the same way over time; the quality of not containing any logical contradictions

*synonym*: thickness, firmness, regularity

(1) lack **consistency**, (2) **consistency** of results

There's no **consistency** in his arguments.

## 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.

## 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.

## tight

*adj.* fixed, fastened, or kept together firmly or closely  
*synonym*: closed, secured, cramped

(1) a **tight** game, (2) student on a **tight** budget  
The national election was held amid **tight** security.

## wrap

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

*synonym*: surround, cover, bandage

(1) **wrap** a fish in foil, (2) **wrap** up a meeting  
**Wrap** the bandage tightly around the injured arm.

## histone

*n.* a type of protein molecule that is responsible for packing and organizing DNA into a compact structure called chromatin within the nucleus of cells

*synonym*: DNA packaging protein, nucleoprotein

(1) **histone** modification, (2) **histone** deacetylase  
The DNA molecule wraps around the **histone** proteins to form a nucleosome.

## protein

*n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis  
The body needs a certain amount of **protein** to build and repair tissues.

## bacteria

*n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

*synonym*: microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**  
**Bacteria** prevalent in hospitals are often resistant to

antibiotics.

## **symbiotic**

*adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist

(1) **symbiotic** economy, (2) **symbiotic** bacteria

We have a mutually **symbiotic** connection with them.

## **lifetime**

*n.* the duration of someone's life or something's existence;  
*synonym*: lifespan, duration

(1) **lifetime** benefits, (2) **lifetime** ban from the sport

She had lived through two world wars in her **lifetime**.

## **oxygen**

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

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

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

## **fragment**

*n.* a small piece or part broken off or detached  
*synonym*: piece, shard, segment

(1) **fragment** of a text, (2) a broken **fragment**

The archaeologist carefully pieced together the tiny **fragments** of pottery found at the dig site.

## **scenario**

*n.* a description of possible actions or events in the future;  
a written outline of a play, film, or literary work

*synonym*: plan, scheme, procedure

(1) the worst case **scenario**, (2) number of different **scenarios**

The president prepared several possible **scenarios** for an enemy attack.

## **devoid**

*adj.* completely lacking or free from something  
*synonym*: empty, lacking, void

(1) **devoid** of life, (2) air **devoid** of pollution

The room was **devoid** of any furniture or decorations.



## organic

*adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

*synonym* : biological

(1) **organic** soils, (2) eat **organic** food

The kidney is an **organic** component of the body.

## state-of-the-art

*adj.* characterized by the use of the latest and most advanced technology or methods; cutting-edge

*synonym* : advanced, cutting-edge, innovative

(1) **state-of-the-art** technology, (2) **state-of-the-art** software

The hospital has **state-of-the-art** equipment and facilities to ensure the best healthcare for its patients.

## devise

*v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination

*synonym* : create, concoct, invent

(1) **devise** a plan, (2) **devise** a literary plot

They had to **devise** a system that did not depend on fossil fuels.

## 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.

## 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.

## fungus

*n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

*synonym* : mold, mildew, yeast

(1) **fungus** infection, (2) symbiotic **fungus**

Certain types of **fungus** can be toxic to humans, causing severe illness if ingested.

## temperate

*adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude

*synonym* : moderate, mild, genial

(1) **temperate** grassland, (2) **temperate** behavior

The **temperate** climate of the region made it an ideal vacation spot.

## endogenous

*adj.* originating or arising from within an organism, system, or process rather than from external factors; pertaining to internal causes or influences

*synonym* : endogenic, innate, internal

(1) **endogenous** growth, (2) **endogenous** opioid system

**Endogenous** factors like genetics and personality are key in determining our behavior.

## discriminate

*v.* to treat a person or particular group of people worse or better than another, especially in an unfair way; to recognize or perceive the difference between people or things

*synonym* : show prejudice, segregate, differentiate

(1) **discriminate** against women employees,

(2) **discriminate** between different things

You should not **discriminate** against minorities.

## capture

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

*synonym* :

catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts  
I was able to **capture** the moment on film.

## advance

*v.* to go or move forward; to develop in a positive way  
*synonym*: progress, boost, come along

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

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

## throughput

*n.* the amount of material or information that can be processed by a system or organization over a given period of time

*synonym*: output, capacity

(1) workplace **throughput**, (2) network **throughput**

The data center's **throughput** is impressive, allowing for quick processing of large amounts of data.

## bioinformatics

*n.* the interdisciplinary field that combines biology and computer science to analyze, interpret, and manage biological information and data, particularly in the realm of genetics, genomics, and other related areas

*synonym*: computational biology, genomics

(1) **bioinformatics** research, (2) **bioinformatics** tools

**Bioinformatics** algorithms are essential for identifying and analyzing patterns in biological data.

## jig

*n.* a lively dance with a fast tempo and typically involving hopping movements; a device or tool used for guiding or directing a cutting or drilling tool

*synonym*: dance, reel, minuet

(1) dancing a **jig**, (2) **jig** grinding machine

The traditional Irish **jig** is a lively folk dance involving much footwork.

## backbone

*n.* the spinal column of a vertebrate; a symbolic representation of strength and resilience

*synonym*: spine, courage, fortitude

(1) **backbone** of society, (2) **backbone** curve

She showed great **backbone** when standing up for her beliefs in opposition.

## chromosome

*n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like

*synonym*: DNA

(1) a sex **chromosome**, (2) the end of **chromosome**

Human females normally have two X **chromosomes**.

## completion

*n.* the act or process of finishing something that you are doing or making; the state of being finished

*synonym*: fruition, realization, accomplishment

(1) a **completion** ceremony, (2) scheduled **completion** date

The mayor announced that the renovation of the city hall is now nearing **completion**.

## hominid

*n.* a primate of a family (Hominidae) that includes humans and their fossil ancestors

*synonym*: human, primate, ancestor

(1) large-toothed **hominid**, (2) **hominid** evolution

Scientists have discovered new fossil evidence of an ancient **hominid** species.

## compose

*v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

*synonym*: compile, constitute, build

(1) **compose** an essay, (2) **compose** my thoughts

The structure is **composed** of three main components.

## repetition

*n.* the act of doing or saying something many times

*synonym*: duplication, iteration, recurrence

(1) **repetition** of the word, (2) habitual **repetition**  
**Repetition** is the mother of all learning.

## structure

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

*synonym*: construction, architecture, establishment

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

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

## relation

*n.* the way two persons or groups of people feel and act toward one another

*synonym*: association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

## 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.

## slightly

*adv.* in a small degree or extent; a little

*synonym*: barely, narrowly, scarcely

(1) increase **slightly**, (2) **slightly** alkaline soils

He moved his body **slightly** to the left.

## 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.

## mention

*v.* to speak or write about something or someone briefly  
*synonym* : reference, allude, cite

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

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

## glacier

*n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

*synonym* : iceberg, ice floe

(1) **glacier** retreat, (2) **glaciers** move tardily

The **glaciers** of the ice age have shaped Fjord.

## massive

*adj.* enormous amount; very heavy and solid

*synonym* : enormous, giant, immense

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

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

## ecotone

*n.* a transition zone between two distinct ecosystems or biomes, characterized by a mixture of features and species from both areas; an area of high biodiversity due to the diversity of habitats and species found there

*synonym* : transition zone, borderland, edge habitat

(1) **ecotone** boundary, (2) diverse **ecotone**

The **ecotone** between the mountain and the valley provides a transitional habitat for various animal species.

## refuge

*n.* the state of being safe or protected from danger, trouble, or difficulty, or a place providing shelter or protection from them

*synonym* : shelter, fortress, hide-out

(1) **refuge** camp, (2) a harbor of **refuge**

Some of the emigres sought **refuge** in this country.

## interbreed

*v.* to breed between different species or varieties  
*synonym*: crossbreed, hybridize

(1) **interbreed** to produce hybrid offspring, (2) **interbreed** plants

Lions and tigers can **interbreed** to produce a liger.

## uncommon

*adj.* not occurring or seen very often; rare  
*synonym*: rare, scarce, unusual

(1) **uncommon** occurrence, (2) **uncommon** talents

It was **uncommon** for the store to have such a big sale.

## 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.

## outcompete

*v.* to be more successful in competition than someone or something

*synonym*: outperform, outdo, surpass

(1) **outcompete** peers, (2) **outcompete** domestic producers

To **outcompete** its rivals, the company invested heavily in research and development.

## unfortunately

*adv.* by bad luck; unluckily

*synonym*: regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were unsuccessful.

## trivial

*adj.* of little value or importance

*synonym*: insignificant, minor, unimportant

(1) a **trivial** man, (2) for **trivial** reasons

The problem seemed **trivial** initially, but it became a

significant issue.

## accident

*n.* an unfortunate event, especially one causing damage or injury

*synonym*: calamity, casualty, chance

(1) cause an **accident**, (2) injury in a car **accident**

The **accident** partially destroyed my vehicle.

## modify

*v.* to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose

*synonym*: adjust, alter, revise

(1) genetically **modify** food, (2) **modify** my behavior

We use adverbs to **modify** verbs and adjectives.

## enucleate

*v.* to remove the nucleus from a cell; to surgically remove the eye or the contents of the eye, leaving the scleral shell and sometimes the cornea intact

*synonym*: extract, remove, disembow

(1) **enucleate** the tumor, (2) **enucleate** cells

The surgeon will **enucleate** the eye tomorrow due to its irreversible damage.

## differentiate

*v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

*synonym*: discern, distinguish, separate

(1) **differentiate** between fact and fiction, (2) **differentiate** a function

The teacher asked the students to **differentiate** between the two similar species of birds.

## stem

*n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

*synonym*: branch, limb, (verb) come from



(1) **stem** from a belief, (2) the **stem** of a matchstick  
A rose has thorns on its **stem**.

## subsequent

*adj.* happening or occurring later or after something else  
*synonym*: later, following, ensuing

(1) over **subsequent** months, (2) reduce **subsequent** mortality

In the **subsequent** meeting, the team discussed ways to improve productivity.

## sperm

*n.* the reproductive cell produced by a man or male animal  
*synonym*: seed, semen, seminal fluid

(1) man with a low **sperm** count, (2) production of **sperm**  
The male **sperm** fertilizes the female egg.

## semen

*n.* the fluid that contains sperm and is ejaculated during sexual activity, which may fertilize an egg and lead to pregnancy

*synonym*: sperm, reproductive fluid, seed

(1) **semen** donation, (2) **semen** volume

After undergoing a **semen** analysis, the doctor told him that he had a low sperm count.

## arduous

*adj.* requiring strenuous effort; difficult and tiring, often involving physical or mental labor

*synonym*: challenging, difficult, strenuous

(1) **arduous** task, (2) an **arduous** journey

The climb up the mountain was **arduous** and took us hours to complete.

## procedure

*n.* a way of doing something, especially the official or well-known way

*synonym*: action, approach, course

(1) undergo a surgical **procedure**, (2) standard **procedure**

The pilot and flight attendant ran through the check-out **procedure**.

## replica

*n.* an exact copy of something such as a work of art  
*synonym*: imitation, reproduction, replication

(1) miniature **replica**, (2) exact **replica**

An artist sculpted a full-size **replica** of her body.

## suitable

*adj.* fit or appropriate; proper; adapted  
*synonym*: appropriate, fitting, proper

(1) **suitable** amount, (2) date **suitable** to both groups

The dress was **suitable** for the formal occasion.

## swath

*n.* a strip of land, especially a long, narrow one; a large amount or quantity of something  
*synonym*: strip, band, fodder

(1) a large **swath** of territory, (2) a **swath** of green grass

The charity organization has helped to provide education to a vast **swath** of the population.

## tremendous

*adj.* very great in degree or extent or amount or impact; extremely good  
*synonym*: enormous, giant, immense

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

We had a **tremendous** time yesterday.

## variation

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

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

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

## landscape

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

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

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

in Europe.

## majestic

*adj.* impressive or grand in appearance, size, or manner;  
stately

*synonym*: grand, stately, regal

(1) a **majestic** figure, (2) a **majestic** sense of purpose

The **majestic** mountain range was a sight to behold.

## creature

*n.* a living being, especially an animal

*synonym*: being, animal, organism

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

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

## reticent

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

*synonym*: reserved, quiet, introverted

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

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

## vision

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

*synonym*: sight, image, concept

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

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

## reticence

*n.* the quality or state of being hesitant or reserved in speaking or revealing thoughts or feelings; a reluctance to speak or communicate openly or freely

*synonym*: silence, reserve, reluctance

(1) persistent **reticence**, (2) underlying **reticence**

She answered the interview questions with **reticence**, revealing little about herself.

## implication

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

*synonym*: suggestion, association, conclusion

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

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

## ramification

*n.* the act or process of branching out or dividing into branches

*synonym*: fork, branching, complication

(1) **ramifications** of the scenario, (2) political **ramification**

The court's decision had many unforeseen **ramifications**.

## discuss

*v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

*synonym*: talk about, converse, debate

(1) **discuss** options, (2) **discuss** solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

## Session 2: Spelling

1. am\_\_r resin  
*n.* a hard, translucent, yellow-orange or brownish-yellow fossil resin that is used in jewelry and ornamentation and often contains insects or other small organisms that were trapped inside when the resin was sticky; also used to describe the color that resembles this type of resin
2. out\_\_\_\_\_te domestic producers  
*v.* to be more successful in competition than someone or something
3. pre-mo\_\_\_n agricultural society  
*adj.* of or belonging to the present time or recent times
4. a broken fr\_\_\_\_\_nt  
*n.* a small piece or part broken off or detached
5. tr\_\_\_\_\_ic brain injury  
*adj.* relating to or caused by injury, especially emotional injury
6. re\_\_\_\_\_l meeting  
*n.* an instance of bringing something back to life, popularity, or prominence; a period of renewed interest or enthusiasm in something that was previously considered outdated or old-fashioned
7. in\_\_\_t brain  
*adj.* undamaged and complete
8. network thr\_\_\_\_\_ut  
*n.* the amount of material or information that can be processed by a system or organization over a given period of time

ANSWERS: 1. amber, 2. outcompete, 3. modern, 4. fragment, 5. traumatic, 6. revival, 7. intact, 8. throughput

9. di\_\_\_\_\_e to the associate      *v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded
10. tropical sa\_\_\_\_\_ah      *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
11. un\_\_\_\_\_on occurrence      *adj.* not occurring or seen very often; rare
12. se\_\_n volume      *n.* the fluid that contains sperm and is ejaculated during sexual activity, which may fertilize an egg and lead to pregnancy
13. mo\_\_\_\_\_to repellent      *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
14. the atmospheric tem\_\_\_\_\_re      *n.* the degree of hotness or coldness of a thing or place
15. 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
16. chaotic env\_\_\_\_\_nt      *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 9. dictate, 10. savannah, 11. uncommon, 12. semen, 13. mosquito, 14. temperature, 15. process, 16. environment

17. intellectual f\_\_t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
18. the most am\_\_\_\_g feeling *adj.* extremely surprising, especially in a way that you like or admire
19. f\_\_t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
20. workplace thr\_\_\_\_\_ut *n.* the amount of material or information that can be processed by a system or organization over a given period of time
21. racial or\_\_\_n *n.* the first existence or beginning of something
22. di\_\_\_\_\_s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
23. miniature re\_\_\_\_\_a *n.* an exact copy of something such as a work of art
24. the imp\_\_\_\_\_on in a crime *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
25. de\_\_\_e a plan *v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
26. am\_\_r ale *n.* a hard, translucent, yellow-orange or brownish-yellow fossil resin that is used in jewelry and ornamentation and often contains insects or other small organisms that were trapped inside when the resin was sticky; also used to describe the color that resembles this type of resin

ANSWERS: 17. feat, 18. amazing, 19. feat, 20. throughput, 21. origin, 22. discuss, 23. replica, 24. implication, 25. devise, 26. amber

27. increase sl\_\_\_\_ly *adv.* in a small degree or extent; a little
28. electron mic\_\_\_\_\_pe *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
29. te\_\_\_\_\_te behavior *adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude
30. end\_\_\_\_\_us opioid system *adj.* originating or arising from within an organism, system, or process rather than from external factors; pertaining to internal causes or influences
31. genetically mo\_\_\_\_y food *v.* to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose
32. sta\_\_\_\_\_art technology *adj.* characterized by the use of the latest and most advanced technology or methods; cutting-edge
33. h\_\_t after knowledge *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
34. 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
35. the qui\_\_\_\_\_nce of virtue *n.* the perfect example of a quality or class
36. major paradigm sh\_\_t *n.* a slight transition in position, direction, or trend

ANSWERS: 27. slightly, 28. microscope, 29. temperate, 30. endogenous, 31. modify, 32. state-of-the-art, 33. hunt, 34. fossil, 35. quintessence, 36. shift



37. gl\_\_\_\_l movements *adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement
38. gene va\_\_\_\_\_on *n.* the act or state of changing; a difference or change in the way something is done, made or said
39. at p\_\_k hour *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
40. re\_\_\_e my energy *v.* to bring back to life, consciousness, or strength; to restore
41. sta\_\_\_\_\_art software *adj.* characterized by the use of the latest and most advanced technology or methods; cutting-edge
42. pre-Christian an\_\_\_\_t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
43. co\_\_\_\_\_e my thoughts *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
44. mor\_\_\_\_\_gy of a language *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
45. a ti\_\_t game *adj.* fixed, fastened, or kept together firmly or closely

ANSWERS: 37. glacial, 38. variation, 39. peak, 40. revive, 41. state-of-the-art, 42. ancient, 43. compose, 44. morphology, 45. tight

46. habitual rep\_\_\_\_\_on *n.* the act of doing or saying something many times
47. scheduled com\_\_\_\_\_on date *n.* the act or process of finishing something that you are doing or making; the state of being finished
48. reduce sub\_\_\_\_\_nt mortality *adj.* happening or occurring later or after something else
49. k\_\_t my eyebrows *v.* to make a garment or fabric by interlocking loops of yarn with needles or a machine
50. re\_\_\_\_\_nt response *adj.* disposed to be silent or uncommunicative; restrained or reluctant to speak; inclined to keep one's thoughts or feelings to oneself
51. gl\_\_\_\_\_r retreat *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
52. a ma\_\_\_\_\_ic sense of purpose *adj.* impressive or grand in appearance, size, or manner; stately
53. ha\_\_y arms *adj.* covered with hair or having a furry texture; difficult, dangerous, or complicated
54. ram\_\_\_\_\_ions of the scenario *n.* the act or process of branching out or dividing into branches
55. bio\_\_\_\_\_ics research *n.* the interdisciplinary field that combines biology and computer science to analyze, interpret, and manage biological information and data, particularly in the realm of genetics, genomics, and other related areas

ANSWERS: 46. repetition, 47. completion, 48. subsequent, 49. knit, 50. reticent, 51. glacier, 52. majestic, 53. hairy, 54. ramification, 55. bioinformatics

56. wo\_\_\_y hair *adj.* covered with thick, soft, and often curly hair or fibers; lacking clarity or precision
57. per\_\_\_\_\_st area *n.* a layer of soil that is permanently below freezing, usually in polar regions
58. st\_\_w the room with balloons *v.* to scatter or spread things over an area; to scatter something in an untidy way
59. en\_\_\_\_\_ch on the habitat of the animal *v.* to advance beyond the usual or acceptable limit gradually and often without being noticed; to infringe upon someone's territory, rights, privacy, etc.
60. the s\_\_m of a matchstick *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
61. the de\_\_h of the water *n.* the distance between the top and bottom of something; between the top surface and a distance below it
62. the end of chr\_\_\_\_\_me *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
63. eat or\_\_\_\_\_c food *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
64. barren st\_\_\_e *n.* a vast, wide, and usually treeless plain, typically found in semi-arid or arid regions, characterized by fertile soil and grassy vegetation, often used for grazing livestock; an expansive and open grassland ecosystem found in Eurasia and North America

ANSWERS: 56. woolly, 57. permafrost, 58. strew, 59. encroach, 60. stem, 61. depth, 62. chromosome, 63. organic, 64. steppe

65. ha\_\_y situation *adj.* covered with hair or having a furry texture; difficult, dangerous, or complicated
66. or\_\_\_n of information *n.* the first existence or beginning of something
67. for tr\_\_\_\_l reasons *adj.* of little value or importance
68. a remote re\_\_\_\_ve *adj.* considered and evaluated through comparison with something else
69. tre\_\_\_\_\_us popularity *adj.* very great in degree or extent or amount or impact; extremely good
70. a cold cl\_\_\_\_\_e *n.* the weather in a particular location averaged over some long period
71. an\_\_\_\_\_t stories *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
72. a truncated py\_\_\_\_\_d *n.* a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt
73. int\_\_\_\_\_ed to produce hybrid offspring *v.* to breed between different species or varieties
74. un\_\_\_\_\_on talents *adj.* not occurring or seen very often; rare
75. the hydrogen binds the ox\_\_\_\_n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

ANSWERS: 65. hairy, 66. origin, 67. trivial, 68. relative, 69. tremendous, 70. climate, 71. ancient, 72. pyramid, 73. interbreed, 74. uncommon, 75. oxygen

76. tra\_\_\_\_\_on phase *n.* the process or period of changing from one state or circumstance to another
77. en\_\_\_\_\_te cells *v.* to remove the nucleus from a cell; to surgically remove the eye or the contents of the eye, leaving the scleral shell and sometimes the cornea intact
78. artificial cr\_\_\_\_\_re *n.* a living being, especially an animal
79. a tr\_\_\_\_\_l man *adj.* of little value or importance
80. standard pr\_\_\_\_\_re *n.* a way of doing something, especially the official or well-known way
81. sequencing of the human ge\_\_\_\_\_e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
82. the ul\_\_\_\_\_te luxury *adj.* furthest or highest in degree or order
83. get ins\_\_\_\_\_on from nature *n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
84. symbiotic fu\_\_\_\_\_s *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
85. the pre\_\_\_\_\_ion of food *n.* the act of keeping something in its original state or of preventing it from being damaged
86. py\_\_\_\_\_d architecture *n.* a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt

ANSWERS: 76. transition, 77. enucleate, 78. creature, 79. trivial, 80. procedure, 81. genome, 82. ultimate, 83. inspiration, 84. fungus, 85. preservation, 86. pyramid

87. ed\_\_\_\_\_e public *v.* to provide or receive instruction or training over a period of time at a school, university, etc.
88. a sex chr\_\_\_\_\_me *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
89. woolly ma\_\_\_\_\_h *adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene
90. te\_\_\_\_\_te grassland *adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude
91. env\_\_\_\_\_nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
92. earliest human an\_\_\_\_\_or *n.* a person from whom one is descended; a forefather
93. we\_\_h heavily on stock prices *v.* to have a particular weight; to carefully evaluate things before making a conclusion
94. ki\_\_\_\_\_p ties *n.* the state or fact of being related to someone
95. diverse ec\_\_\_\_\_e *n.* a transition zone between two distinct ecosystems or biomes, characterized by a mixture of features and species from both areas; an area of high biodiversity due to the diversity of habitats and species found there

ANSWERS: 87. educate, 88. chromosome, 89. mammoth, 90. temperate, 91. environment, 92. ancestor, 93. weigh, 94. kinship, 95. ecotone

96. re\_\_\_e camp *n.* the state of being safe or protected from danger, trouble, or difficulty, or a place providing shelter or protection from them
97. sur\_\_\_\_\_gly advanced culture *adv.* in a way that causes amazement or wonder
98. mi\_\_\_\_\_e a service *v.* to move from one country or region to another and settle there; to move from one place to another periodically or seasonally
99. w\_\_l sweater *n.* a textile fiber obtained from the fleece of sheep or certain other animals, used for making clothing and other fabric items
100. w\_\_p up a meeting *v.* to cover or enclose something entirely with paper, cloth, or other material
101. t\_\_k-like tooth *n.* a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging
102. vast gr\_\_\_\_\_nd *n.* a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock
103. underlying re\_\_\_\_\_ce *n.* the quality or state of being hesitant or reserved in speaking or revealing thoughts or feelings; a reluctance to speak or communicate openly or freely
104. dis\_\_\_\_\_ate against women employees *v.* to treat a person or particular group of people worse or better than another, especially in an unfair way; to recognize or perceive the difference between people or things

ANSWERS: 96. refuge, 97. surprisingly, 98. migrate, 99. wool, 100. wrap, 101. tusk, 102. grassland, 103. reticence, 104. discriminate

105. cause an ac\_\_\_\_nt *n.* an unfortunate event, especially one causing damage or injury
106. cr\_\_\_\_re of habit *n.* a living being, especially an animal
107. or\_\_\_\_c soils *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
108. mo\_\_\_\_to bite *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
109. it is un\_\_\_\_ly that he would win the game *adj.* not probable or likely to happen
110. am\_\_\_\_g advances *adj.* extremely surprising, especially in a way that you like or admire
111. 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
112. se\_\_n donation *n.* the fluid that contains sperm and is ejaculated during sexual activity, which may fertilize an egg and lead to pregnancy
113. long-ex\_\_\_\_t volcano *adj.* no longer in existence
114. ma\_\_\_\_e stars *adj.* enormous amount; very heavy and solid
115. s\_\_m from a belief *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

ANSWERS: 105. accident, 106. creature, 107. organic, 108. mosquito, 109. unlikely, 110. amazing, 111. extract, 112. semen, 113. extinct, 114. massive, 115. stem



116. fu\_\_\_s infection *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
117. re\_\_\_\_\_nt nature *adj.* disposed to be silent or uncommunicative; restrained or reluctant to speak; inclined to keep one's thoughts or feelings to oneself
118. wo\_\_\_y lambs *adj.* covered with thick, soft, and often curly hair or fibers; lacking clarity or precision
119. unf\_\_\_\_\_ely caught in a shower *adv.* by bad luck; unluckily
120. tr\_\_\_\_\_ic event *adj.* relating to or caused by injury, especially emotional injury
121. sl\_\_\_ly alkaline soils *adv.* in a small degree or extent; a little
122. de\_\_\_e a literary plot *v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
123. local ge\_\_\_\_\_y *n.* a science that deals with the history of the earth as recorded in rocks
124. ma\_\_\_\_\_e amounts *adj.* enormous amount; very heavy and solid
125. ba\_\_\_\_\_ne of society *n.* the spinal column of a vertebrate; a symbolic representation of strength and resilience
126. harmless ba\_\_\_\_\_ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

ANSWERS: 116. fungus, 117. reticent, 118. woolly, 119. unfortunately, 120. traumatic, 121. slightly, 122. devise, 123. geology, 124. massive, 125. backbone, 126. bacteria

127. re\_\_\_\_ve factors *adj.* considered and evaluated through comparison with something else
128. ba\_\_\_\_ne curve *n.* the spinal column of a vertebrate; a symbolic representation of strength and resilience
129. even more unf\_\_\_\_ely *adv.* by bad luck; unluckily
130. me\_\_\_\_n in a report *v.* to speak or write about something or someone briefly
131. stress pr\_\_\_\_n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
132. sa\_\_\_\_ah region *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
133. cellular mor\_\_\_\_gy *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
134. extreme tem\_\_\_\_res *n.* the degree of hotness or coldness of a thing or place
135. gl\_\_\_\_rs move tardily *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
136. over sub\_\_\_\_nt months *adj.* happening or occurring later or after something else
137. hi\_\_\_\_e modification *n.* a type of protein molecule that is responsible for packing and organizing DNA into a compact structure called chromatin within the nucleus of cells

ANSWERS: 127. relative, 128. backbone, 129. unfortunately, 130. mention, 131. protein, 132. savannah, 133. morphology, 134. temperature, 135. glacier, 136. subsequent, 137. histone

138. ar\_\_\_\_s task *adj.* requiring strenuous effort; difficult and tiring, often involving physical or mental labor
139. ge\_\_\_e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
140. cr\_\_l away from a car *v.* to move forward slowly, as people or animals with their bodies near the ground
141. g\_\_e absently out a window *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
142. 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
143. the se\_\_\_\_\_ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
144. ec\_\_\_\_\_e boundary *n.* a transition zone between two distinct ecosystems or biomes, characterized by a mixture of features and species from both areas; an area of high biodiversity due to the diversity of habitats and species found there
145. dis\_\_\_\_\_ate between different things *v.* to treat a person or particular group of people worse or better than another, especially in an unfair way; to recognize or perceive the difference between people or things

ANSWERS: 138. arduous, 139. genome, 140. crawl, 141. gaze, 142. extract, 143. sequence, 144. ecotone, 145. discriminate

146. en\_\_\_\_\_te the tumor *v.* to remove the nucleus from a cell; to surgically remove the eye or the contents of the eye, leaving the scleral shell and sometimes the cornea intact
147. t\_\_k of an elephant *n.* a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging
148. li\_\_\_\_\_me ban from the sport *n.* the duration of someone's life or something's existence;
149. b\_\_y emotion *v.* to place a dead body in the ground, grave, or tomb
150. su\_\_\_\_\_al ability *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
151. endangered gr\_\_\_\_\_nd *n.* a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock
152. examine a ca\_\_\_\_\_s *n.* the dead body of an animal, especially one that has been killed for food
153. w\_\_l fibers *n.* a textile fiber obtained from the fleece of sheep or certain other animals, used for making clothing and other fabric items
154. basic br\_\_n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
155. telescopic vi\_\_\_n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

ANSWERS: 146. enucleate, 147. tusk, 148. lifetime, 149. bury, 150. survival, 151. grassland, 152. carcass, 153. wool, 154. brain, 155. vision

156. a peaceful la\_\_\_\_\_pe *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
157. rem\_\_\_\_\_le achievement *adj.* worthy of attention because unusual or special
158. the p\_\_k current in the circuit *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
159. dancing a j\_g *n.* a lively dance with a fast tempo and typically involving hopping movements; a device or tool used for guiding or directing a cutting or drilling tool
160. su\_\_\_\_\_le amount *adj.* fit or appropriate; proper; adapted
161. out\_\_\_\_\_te peers *v.* to be more successful in competition than someone or something
162. en\_\_\_\_\_ch on the realm *v.* to advance beyond the usual or acceptable limit gradually and often without being noticed; to infringe upon someone's territory, rights, privacy, etc.
163. mo\_\_\_\_y my behavior *v.* to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose
164. Doppler sh\_\_t *n.* a slight transition in position, direction, or trend
165. b\_\_y in the earth *v.* to place a dead body in the ground, grave, or tomb

ANSWERS: 156. landscape, 157. remarkable, 158. peak, 159. jig, 160. suitable, 161. outcompete, 162. encroach, 163. modify, 164. shift, 165. bury

166. a com\_\_\_\_\_on ceremony *n.* the act or process of finishing something that you are doing or making; the state of being finished
167. pos\_\_\_\_\_ty for growth *n.* a chance that something may happen or be true
168. re\_\_\_e an old friendship *v.* to bring back to life, consciousness, or strength; to restore
169. injury in a car ac\_\_\_\_\_nt *n.* an unfortunate event, especially one causing damage or injury
170. the imp\_\_\_\_\_on of a word *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
171. a large sw\_\_h of territory *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
172. re\_\_\_\_\_on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
173. me\_\_\_\_\_n name *v.* to speak or write about something or someone briefly
174. un\_\_\_\_\_ly event *adj.* not probable or likely to happen
175. the rem\_\_\_\_\_le breadth of knowledge *adj.* worthy of attention because unusual or special
176. student on a ti\_\_t budget *adj.* fixed, fastened, or kept together firmly or closely
177. a ma\_\_\_\_\_ic figure *adj.* impressive or grand in appearance, size, or manner; stately
178. mi\_\_\_\_\_e across borders *v.* to move from one country or region to another and settle there; to move from one place to another periodically or seasonally

ANSWERS: 166. completion, 167. possibility, 168. revive, 169. accident, 170. implication, 171. swath, 172. relation, 173. mention, 174. unlikely, 175. remarkable, 176. tight, 177. majestic, 178. migrate

179. hi\_\_\_\_\_e deacetylase *n.* a type of protein molecule that is responsible for packing and organizing DNA into a compact structure called chromatin within the nucleus of cells
180. ad\_\_\_\_\_e the technology *v.* to go or move forward; to develop in a positive way
181. in\_\_\_\_t forestland *adj.* undamaged and complete
182. co\_\_\_\_\_e an essay *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
183. int\_\_\_\_\_ed plants *v.* to breed between different species or varieties
184. cr\_\_l across the floor *v.* to move forward slowly, as people or animals with their bodies near the ground
185. phe\_\_\_\_\_al success *adj.* extremely good or impressive; outstanding
186. ca\_\_\_\_\_e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
187. bu\_\_\_l at sea *n.* the act or ceremony of placing a dead body in a grave
188. bureau of ge\_\_\_\_\_y *n.* a science that deals with the history of the earth as recorded in rocks
189. su\_\_\_\_\_al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
190. large-toothed ho\_\_\_\_\_d *n.* a primate of a family (Hominidae) that includes humans and their fossil ancestors

ANSWERS: 179. histone, 180. advance, 181. intact, 182. compose, 183. interbreed, 184. crawl, 185. phenomenal, 186. capture, 187. burial, 188. geology, 189. survival, 190. hominid

191. a sw\_\_h of green grass *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
192. the DNA se\_\_\_\_ce *n.* a series of related events, actions, numbers, etc., which have a particular order
193. di\_\_\_\_e a letter to secretary *v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded
194. bo\_\_ded with delight *v.* to move forward by leaps and bounds; to form the boundary of something
195. de\_\_h camera *n.* the distance between the top and bottom of something; between the top surface and a distance below it
196. de\_\_e forests *adj.* containing a large number of people or something with little space between them
197. sy\_\_\_\_ic bacteria *adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
198. permanent br\_\_n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
199. fr\_\_\_\_nt of a text *n.* a small piece or part broken off or detached
200. long-term cl\_\_\_\_ic effect *adj.* relating to the weather or climate
201. ensure a smooth tra\_\_\_\_on *n.* the process or period of changing from one state or circumstance to another

ANSWERS: 191. swath, 192. sequence, 193. dictate, 194. bound, 195. depth, 196. dense, 197. symbiotic, 198. brain, 199. fragment, 200. climatic, 201. transition



202. ad\_\_\_\_e a cooperative relationship     *v.* to go or move forward; to develop in a positive way
203. end\_\_\_\_\_us growth     *adj.* originating or arising from within an organism, system, or process rather than from external factors; pertaining to internal causes or influences
204. g\_\_e steadily at his face     *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
205. pathogenic ba\_\_\_\_\_ia     *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
206. production of sp\_\_m     *n.* the reproductive cell produced by a man or male animal
207. a picture fr\_\_e     *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
208. synthetic re\_\_n     *n.* a sticky, viscous substance typically obtained from trees and plants, particularly conifers and evergreens; a material used in the manufacture of adhesives, plastics, and other products, particularly those that require stiffness or abrasion resistance
209. have sur\_\_\_\_\_gly little effect     *adv.* in a way that causes amazement or wonder

ANSWERS: 202. advance, 203. endogenous, 204. gaze, 205. bacteria, 206. sperm, 207. frame, 208. resin, 209. surprisingly

210. de\_\_\_d of life *adj.* completely lacking or free from something
211. ov\_\_\_\_\_ll strategy *n.* an excessive or extreme amount of something, often used to describe an unnecessary or disproportionate use of force or resources
212. ca\_\_\_\_\_s disposal *n.* the dead body of an animal, especially one that has been killed for food
213. su\_\_\_\_\_e a plane crash *v.* to live or exist despite a dangerous event or period
214. ki\_\_\_\_\_p relations *n.* the state or fact of being related to someone
215. a round bu\_\_\_l mound *n.* the act or ceremony of placing a dead body in a grave
216. mic\_\_\_\_\_pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
217. the ul\_\_\_\_\_te goal in life *adj.* furthest or highest in degree or order
218. an ar\_\_\_\_\_s journey *adj.* requiring strenuous effort; difficult and tiring, often involving physical or mental labor
219. bo\_\_d up a staircase *v.* to move forward by leaps and bounds; to form the boundary of something
220. number of different sc\_\_\_\_\_ios *n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work
221. cl\_\_\_\_\_ic change *adj.* relating to the weather or climate
222. tree re\_\_n *n.* a sticky, viscous substance typically obtained from trees and plants, particularly conifers and evergreens; a material used in the manufacture of adhesives, plastics, and other products, particularly those that require stiffness or abrasion resistance

ANSWERS: 210. devoid, 211. overkill, 212. carcass, 213. survive, 214. kinship, 215.

burial, 216. microscope, 217. ultimate, 218. arduous, 219. bound, 220. scenario, 221. climatic, 222. resin

223. lack con\_\_\_\_\_cy *n.* the quality of acting or being done in the same way over time; the quality of not containing any logical contradictions
224. phe\_\_\_\_\_al growth *adj.* extremely good or impressive; outstanding
225. marketing ov\_\_\_\_\_ll *n.* an excessive or extreme amount of something, often used to describe an unnecessary or disproportionate use of force or resources
226. tre\_\_\_\_\_us amount *adj.* very great in degree or extent or amount or impact; extremely good
227. li\_\_\_\_\_me benefits *n.* the duration of someone's life or something's existence;
228. re\_\_\_\_\_on of inclusion *n.* the way two persons or groups of people feel and act toward one another
229. 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
230. bio\_\_\_\_\_ics tools *n.* the interdisciplinary field that combines biology and computer science to analyze, interpret, and manage biological information and data, particularly in the realm of genetics, genomics, and other related areas
231. man with a low sp\_\_m count *n.* the reproductive cell produced by a man or male animal
232. la\_\_\_\_\_pe painting *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

ANSWERS: 223. consistency, 224. phenomenal, 225. overkill, 226. tremendous, 227. lifetime, 228. relation, 229. preserve, 230. bioinformatics, 231. sperm, 232. landscape

233. k\_\_t a pair of socks *v.* to make a garment or fabric by interlocking loops of yarn with needles or a machine
234. wo\_\_\_\_\_nd creatures *n.* land covered with trees and underbrush; a forest
235. we\_\_h a cargo *v.* to have a particular weight; to carefully evaluate things before making a conclusion
236. source of ins\_\_\_\_\_on *n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
237. thawing per\_\_\_\_\_st *n.* a layer of soil that is permanently below freezing, usually in polar regions
238. a co\_\_\_\_\_nt wind *adj.* happening repeatedly or all the time
239. lack of ox\_\_\_\_n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
240. date su\_\_\_\_\_le to both groups *adj.* fit or appropriate; proper; adapted
241. sy\_\_\_\_\_ic economy *adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
242. a co\_\_\_\_\_nt temperature *adj.* happening repeatedly or all the time
243. 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

ANSWERS: 233. knit, 234. woodland, 235. weigh, 236. inspiration, 237. permafrost, 238. constant, 239. oxygen, 240. suitable, 241. symbiotic, 242. constant, 243. process

244. air de\_\_\_d of pollution *adj.* completely lacking or free from something
245. ca\_\_\_\_\_e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
246. st\_\_\_e climate *n.* a vast, wide, and usually treeless plain, typically found in semi-arid or arid regions, characterized by fertile soil and grassy vegetation, often used for grazing livestock; an expansive and open grassland ecosystem found in Eurasia and North America
247. a prodigious vi\_\_\_n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
248. dif\_\_\_\_\_ate a function *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
249. gl\_\_\_\_\_l terrain *adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement
250. undergo a surgical pr\_\_\_\_\_re *n.* a way of doing something, especially the official or well-known way
251. st\_\_w garbage *v.* to scatter or spread things over an area; to scatter something in an untidy way
252. less fo\_\_\_\_\_te person *adj.* having good luck or lucky

ANSWERS: 244. devoid, 245. capture, 246. steppe, 247. vision, 248. differentiate, 249. glacial, 250. procedure, 251. strew, 252. fortunate

253. political ram\_\_\_\_\_ion *n.* the act or process of branching out or dividing into branches
254. become increasingly com\_\_\_\_\_ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
255. mo\_\_\_\_n poetry *adj.* of or belonging to the present time or recent times
256. a fo\_\_\_\_l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
257. broad-leafed wo\_\_\_\_\_nd *n.* land covered with trees and underbrush; a forest
258. dif\_\_\_\_\_ate between fact and fiction *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
259. su\_\_\_\_\_e a blizzard *v.* to live or exist despite a dangerous event or period
260. j\_g grinding machine *n.* a lively dance with a fast tempo and typically involving hopping movements; a device or tool used for guiding or directing a cutting or drilling tool
261. the worst case sc\_\_\_\_\_io *n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work
262. exact re\_\_\_\_\_a *n.* an exact copy of something such as a work of art
263. wildlife pre\_\_\_\_\_ion *n.* the act of keeping something in its original state or of preventing it from being damaged

ANSWERS: 253. ramification, 254. complicated, 255. modern, 256. fossil, 257. woodland, 258. differentiate, 259. survive, 260. jig, 261. scenario, 262. replica, 263. preservation

264. st\_\_\_\_\_re and function of the brain     *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
265. di\_\_\_\_\_ar after a week     *v.* to cease to exist or be visible
266. in\_\_\_t antenna     *n.* any small creature that has six legs and a body divided into three sections
267. in\_\_\_t biology     *n.* any small creature that has six legs and a body divided into three sections
268. a com\_\_\_\_\_ed process     *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
269. qui\_\_\_\_\_nce of life     *n.* the perfect example of a quality or class
270. an\_\_\_\_\_or language     *n.* a person from whom one is descended; a forefather
271. 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
272. rep\_\_\_\_\_on of the word     *n.* the act of doing or saying something many times
273. w\_\_p a fish in foil     *v.* to cover or enclose something entirely with paper, cloth, or other material
274. the st\_\_\_\_\_re of a machine     *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
275. a harbor of re\_\_\_e     *n.* the state of being safe or protected from danger, trouble, or difficulty, or a place providing shelter or protection from them

ANSWERS: 264. structure, 265. disappear, 266. insect, 267. insect, 268. complicated, 269. quintessence, 270. ancestor, 271. preserve, 272. repetition, 273. wrap, 274. structure, 275. refuge



276. di\_\_\_\_\_ar without a trace      *v.* to cease to exist or be visible
277. h\_\_t a job      *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
278. nutrient-de\_\_e foods      *adj.* containing a large number of people or something with little space between them
279. effects of cl\_\_\_\_\_e change      *n.* the weather in a particular location averaged over some long period
280. ex\_\_\_\_\_t by human activity      *adj.* no longer in existence
281. fo\_\_\_\_\_te situation      *adj.* having good luck or lucky
282. re\_\_\_\_\_l of the economy      *n.* an instance of bringing something back to life, popularity, or prominence; a period of renewed interest or enthusiasm in something that was previously considered outdated or old-fashioned
283. ed\_\_\_\_\_e student      *v.* to provide or receive instruction or training over a period of time at a school, university, etc.
284. persistent re\_\_\_\_\_ce      *n.* the quality or state of being hesitant or reserved in speaking or revealing thoughts or feelings; a reluctance to speak or communicate openly or freely
285. con\_\_\_\_\_cy of results      *n.* the quality of acting or being done in the same way over time; the quality of not containing any logical contradictions
286. pos\_\_\_\_\_ty of a major earthquake      *n.* a chance that something may happen or be true

ANSWERS: 276. disappear, 277. hunt, 278. dense, 279. climate, 280. extinct, 281. fortunate, 282. revival, 283. educate, 284. reticence, 285. consistency, 286. possibility

287. ho\_\_\_\_d evolution *n.* a primate of a family (Hominidae) that includes humans and their fossil ancestors
288. a ma\_\_\_\_h ship *adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene
289. di\_\_\_\_s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
290. the fr\_\_e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
291. pr\_\_\_\_n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
292. va\_\_\_\_on of temperature *n.* the act or state of changing; a difference or change in the way something is done, made or said

ANSWERS: 287. hominid, 288. mammoth, 289. discuss, 290. frame, 291. protein, 292. variation

## Session 3: Fill in the Blanks

1. The bracelet was made of beautiful \_\_\_\_\_ stones.  
*n.* a hard, translucent, yellow-orange or brownish-yellow fossil resin that is used in jewelry and ornamentation and often contains insects or other small organisms that were trapped inside when the resin was sticky; also used to describe the color that resembles this type of resin
  
2. The hospital has \_\_\_\_\_ equipment and facilities to ensure the best healthcare for its patients.  
*adj.* characterized by the use of the latest and most advanced technology or methods; cutting-edge
  
3. Along the gravel roads, sizeable yellow school buses \_\_\_\_\_.  
*v.* to move forward slowly, as people or animals with their bodies near the ground
  
4. The \_\_\_\_\_ of getting the disease will drastically increase.  
*n.* a chance that something may happen or be true
  
5. The mayor announced that the renovation of the city hall is now nearing \_\_\_\_\_.  
*n.* the act or process of finishing something that you are doing or making; the state of being finished
  
6. He was always \_\_\_\_\_ about his personal life and rarely shared any details with others.  
*adj.* disposed to be silent or uncommunicative; restrained or reluctant to speak; inclined to keep one's thoughts or feelings to oneself
  
7. Driving is difficult for me because of my poor \_\_\_\_\_.  
*n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

ANSWERS: 1. amber, 2. state-of-the-art, 3. crawl, 4. possibility, 5. completion, 6. reticent, 7. vision

8. You should not \_\_\_\_\_ against minorities.  
*v.* to treat a person or particular group of people worse or better than another, especially in an unfair way; to recognize or perceive the difference between people or things
9. She showed great \_\_\_\_\_ when standing up for her beliefs in opposition.  
*n.* the spinal column of a vertebrate; a symbolic representation of strength and resilience
10. He was pretty \_\_\_\_\_ to pass the exam.  
*adj.* having good luck or lucky
11. In the \_\_\_\_\_ meeting, the team discussed ways to improve productivity.  
*adj.* happening or occurring later or after something else
12. The \_\_\_\_\_ partially destroyed my vehicle.  
*n.* an unfortunate event, especially one causing damage or injury
13. 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
14. The industrial \_\_\_\_\_ laws were passed with little to no alteration.  
*n.* the way two persons or groups of people feel and act toward one another
15. 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

ANSWERS: 8. discriminate, 9. backbone, 10. fortunate, 11. subsequent, 12. accident, 13. extracting, 14. relations, 15. complicated

16. They watched the train \_\_\_\_\_ into the distance.

*v.* to cease to exist or be visible

17. To \_\_\_\_\_ its rivals, the company invested heavily in research and development.

*v.* to be more successful in competition than someone or something

18. The experience was so \_\_\_\_\_ that it left a lasting impact on the survivor's mental health.

*adj.* relating to or caused by injury, especially emotional injury

19. We need to \_\_\_\_\_ the next steps for the project during our meeting tomorrow.

*v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

20. After undergoing a \_\_\_\_\_ analysis, the doctor told him that he had a low sperm count.

*n.* the fluid that contains sperm and is ejaculated during sexual activity, which may fertilize an egg and lead to pregnancy

21. This measurement aims to reduce traffic at \_\_\_\_\_ periods.

*n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

22. Their headquarters are in a \_\_\_\_\_ skyscraper.

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

23. The nation's healthcare system is in \_\_\_\_\_ at the moment.

*n.* the process or period of changing from one state or circumstance to another

ANSWERS: 16. disappear, 17. outcompete, 18. traumatic, 19. discuss, 20. semen, 21. peak, 22. modern, 23. transition

24. We have a mutually \_\_\_\_\_ connection with them.

*adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist

25. The exam was \_\_\_\_\_ tricky for everyone.

*adv.* in a way that causes amazement or wonder

26. The national election was held amid \_\_\_\_\_ security.

*adj.* fixed, fastened, or kept together firmly or closely

27. He was a visiting \_\_\_\_\_ professor at the University of Tokyo.

*n.* a science that deals with the history of the earth as recorded in rocks

28. She answered the interview questions with \_\_\_\_\_ revealing little about herself.

*n.* the quality or state of being hesitant or reserved in speaking or revealing thoughts or feelings; a reluctance to speak or communicate openly or freely

29. The pilot and flight attendant ran through the check-out \_\_\_\_\_.

*n.* a way of doing something, especially the official or well-known way

30. The kidney is an \_\_\_\_\_ component of the body.

*adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

31. The problem seemed \_\_\_\_\_ initially, but it became a significant issue.

*adj.* of little value or importance

32. I \_\_\_\_\_ to him that I had seen his sister at the grocery store earlier that day.

*v.* to speak or write about something or someone briefly

ANSWERS: 24. symbiotic, 25. surprisingly, 26. tight, 27. geology, 28. reticence, 29. procedure, 30. organic, 31. trivial, 32. mentioned

33. Many species have become \_\_\_\_\_ due to habitat destruction and other human activities.

*adj.* no longer in existence

34. The recent economic downturn has resulted in \_\_\_\_\_ layoffs.

*adj.* enormous amount; very heavy and solid

35. The archaeologist carefully pieced together the tiny \_\_\_\_\_ of pottery found at the dig site.

*n.* a small piece or part broken off or detached

36. He moved his body \_\_\_\_\_ to the left.

*adv.* in a small degree or extent; a little

37. Despite the scandals, his reputation remained \_\_\_\_\_.

*adj.* undamaged and complete

38. The athlete's \_\_\_\_\_ performance broke all previous records.

*adj.* extremely good or impressive; outstanding

39. The entire mountain is covered in \_\_\_\_\_ rainforest.

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

40. You have no right to \_\_\_\_\_ on my leisure time.

*v.* to advance beyond the usual or acceptable limit gradually and often without being noticed; to infringe upon someone's territory, rights, privacy, etc.

41. The golfer recorded an \_\_\_\_\_ distance.

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

ANSWERS: 33. extinct, 34. massive, 35. fragments, 36. slightly, 37. intact, 38. phenomenal, 39. dense, 40. encroach, 41. amazing

42. The excessive use of force by the police was an example of \_\_\_\_\_ in their attempt to arrest a suspect.
- n.* an excessive or extreme amount of something, often used to describe an unnecessary or disproportionate use of force or resources
43. I was able to \_\_\_\_\_ the moment on film.
- v.* to catch a person or an animal and confine them in an area which they cannot escape
44. The body needs a certain amount of \_\_\_\_\_ to build and repair tissues.
- n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
45. 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
46. The \_\_\_\_\_ mountain range was a sight to behold.
- adj.* impressive or grand in appearance, size, or manner; stately
47. The \_\_\_\_\_ between the mountain and the valley provides a transitional habitat for various animal species.
- n.* a transition zone between two distinct ecosystems or biomes, characterized by a mixture of features and species from both areas; an area of high biodiversity due to the diversity of habitats and species found there
48. \_\_\_\_\_ algorithms are essential for identifying and analyzing patterns in biological data.
- n.* the interdisciplinary field that combines biology and computer science to analyze, interpret, and manage biological information and data, particularly in the realm of genetics, genomics, and other related areas

ANSWERS: 42. overkill, 43. capture, 44. protein, 45. fossil, 46. majestic, 47. ecotone, 48. Bioinformatics



49. The new rescue dog was covered in thick, \_\_\_\_\_ fur that kept him warm in cold weather.

*adj.* covered with hair or having a furry texture; difficult, dangerous, or complicated

50. The human \_\_\_\_\_ contains approximately three billion chemical base pairs.

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

51. They \_\_\_\_\_ the tradition of holding a parade on the main street every year.

*v.* to bring back to life, consciousness, or strength; to restore

52. He found \_\_\_\_\_ in the works of his favorite authors.

*n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity

53. The \_\_\_\_\_ of the ice age have shaped Fjord.

*n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

54. The pond's \_\_\_\_\_ was around five feet.

*n.* the distance between the top and bottom of something; between the top surface and a distance below it

55. The structure is \_\_\_\_\_ of three main components.

*v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

56. \_\_\_\_\_ the bandage tightly around the injured arm.

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

ANSWERS: 49. hairy, 50. genome, 51. revived, 52. inspiration, 53. glaciers, 54. depth, 55. composed, 56. Wrap

57. We had a \_\_\_\_\_ time yesterday.

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

58. The traditional Irish \_\_\_\_ is a lively folk dance involving much footwork.

*n.* a lively dance with a fast tempo and typically involving hopping movements; a device or tool used for guiding or directing a cutting or drilling tool

59. The court's decision had many unforeseen \_\_\_\_\_.

*n.* the act or process of branching out or dividing into branches

60. The animal's \_\_\_\_\_ was found in the forest, most likely killed by a predator.

*n.* the dead body of an animal, especially one that has been killed for food

61. The treatments were done but, \_\_\_\_\_ were unsuccessful.

*adv.* by bad luck; unluckily

62. 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

63. The \_\_\_\_\_ conditions in this region were ideal for growing grapes.

*adj.* relating to the weather or climate

64. The detective looked for fingerprints on the window \_\_\_\_\_.

*n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

65. The nomadic tribes set up camp on the vast \_\_\_\_\_.

*n.* a vast, wide, and usually treeless plain, typically found in semi-arid or arid regions, characterized by fertile soil and grassy vegetation, often used for grazing livestock; an expansive and open grassland ecosystem found in Eurasia and North America

ANSWERS: 57. tremendous, 58. jig, 59. ramifications, 60. carcass, 61. unfortunately, 62. environment, 63. climatic, 64. frame, 65. steppe

66. There is a lot of \_\_\_\_\_ in the colors of flowers in the garden.  
*n.* the act or state of changing; a difference or change in the way something is done, made or said
67. I love wearing \_\_\_\_\_ socks during the winter to keep my feet warm.  
*n.* a textile fiber obtained from the fleece of sheep or certain other animals, used for making clothing and other fabric items
68. The deep sea \_\_\_\_\_ was unlike anything the scientists had ever seen before.  
*n.* a living being, especially an animal
69. 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
70. The \_\_\_\_\_ of the author's writing is the depth of emotion conveyed.  
*n.* the perfect example of a quality or class
71. The dress was \_\_\_\_\_ for the formal occasion.  
*adj.* fit or appropriate; proper; adapted
72. The climb up the mountain was \_\_\_\_\_ and took us hours to complete.  
*adj.* requiring strenuous effort; difficult and tiring, often involving physical or mental labor
73. She had lived through two world wars in her \_\_\_\_\_.  
*n.* the duration of someone's life or something's existence;

ANSWERS: 66. variation, 67. wool, 68. creature, 69. process, 70. quintessence, 71. suitable, 72. arduous, 73. lifetime

74. The charity organization has helped to provide education to a vast \_\_\_\_\_ of the population.

*n.* a strip of land, especially a long, narrow one; a large amount or quantity of something

75. An artist sculpted a full-size \_\_\_\_\_ of her body.

*n.* an exact copy of something such as a work of art

76. There's no \_\_\_\_\_ in his arguments.

*n.* the quality of acting or being done in the same way over time; the quality of not containing any logical contradictions

77. The minister decided to review its \_\_\_\_\_ public works projects.

*adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene

78. The town's economy experienced a \_\_\_\_\_ after opening a new factory.

*n.* an instance of bringing something back to life, popularity, or prominence; a period of renewed interest or enthusiasm in something that was previously considered outdated or old-fashioned

79. Canada \_\_\_\_\_ on the United States.

*v.* to move forward by leaps and bounds; to form the boundary of something

80. \_\_\_\_\_ is the mother of all learning.

*n.* the act of doing or saying something many times

81. Scientists have discovered new fossil evidence of an ancient \_\_\_\_\_ species.

*n.* a primate of a family (Hominidae) that includes humans and their fossil ancestors

ANSWERS: 74. swath, 75. replica, 76. consistency, 77. mammoth, 78. revival, 79. bounds, 80. Repetition, 81. hominid

82. 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
83. Some of the emigres sought \_\_\_\_\_ in this country.  
*n.* the state of being safe or protected from danger, trouble, or difficulty, or a place providing shelter or protection from them
84. Scientific knowledge will \_\_\_\_\_ significantly with the power of AI.  
*v.* to go or move forward; to develop in a positive way
85. Cities around the world set records for highest \_\_\_\_\_ this summer.  
*n.* the degree of hotness or coldness of a thing or place
86. The ivory poacher was arrested for possession of illegal \_\_\_\_\_.  
*n.* a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging
87. Could you help me \_\_\_\_\_ some furniture?  
*n.* a slight transition in position, direction, or trend
88. The \_\_\_\_\_ ceremony was a somber reminder of his passing.  
*n.* the act or ceremony of placing a dead body in a grave
89. There is plenty of space to \_\_\_\_\_ everyone.  
*v.* to place a dead body in the ground, grave, or tomb
90. It was \_\_\_\_\_ for the store to have such a big sale.  
*adj.* not occurring or seen very often; rare

ANSWERS: 82. preserve, 83. refuge, 84. advance, 85. temperatures, 86. tusks, 87. shift, 88. burial, 89. bury, 90. uncommon

91. \_\_\_\_\_ dropping wears away the stone.

*adj.* happening repeatedly or all the time

92. The passenger grabbed for the \_\_\_\_\_ mask.

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

93. Recent electoral shocks have shaken the political \_\_\_\_\_ in Europe.

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

94. Most countries prohibit sexual activity between certain close \_\_\_\_\_.

*adj.* considered and evaluated through comparison with something else

95. The museum had kept the paintings in remarkable \_\_\_\_\_.

*n.* the act of keeping something in its original state or of preventing it from being damaged

96. The \_\_\_\_\_ of rocks can reveal clues about their geological history.

*n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another

97. Management must take \_\_\_\_\_ responsibility for the accident.

*adj.* furthest or highest in degree or order

98. \_\_\_\_\_ is crucial to soil stability in arctic areas.

*n.* a layer of soil that is permanently below freezing, usually in polar regions

ANSWERS: 91. Constant, 92. oxygen, 93. landscape, 94. relatives, 95. preservation, 96. morphology, 97. ultimate, 98. Permafrost

99. We do move forward with those tasks in \_\_\_\_\_ next week.
- n.* a series of related events, actions, numbers, etc., which have a particular order
100. The \_\_\_\_\_ climate of the region made it an ideal vacation spot.
- adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude
101. We use adverbs to \_\_\_\_\_ verbs and adjectives.
- v.* to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose
102. Lions and tigers can \_\_\_\_\_ to produce a liger.
- v.* to breed between different species or varieties
103. The birds live in tropical forests, \_\_\_\_\_ and arid semi-desert environments.
- n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
104. He evaluated his chances for \_\_\_\_\_ rather pessimistically.
- n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
105. These \_\_\_\_\_ are more prevalent above a certain latitude.
- n.* any small creature that has six legs and a body divided into three sections
106. The \_\_\_\_\_ pace of the negotiations frustrated both parties.
- adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement

ANSWERS: 99. sequence, 100. temperate, 101. modify, 102. interbreed, 103. savannahs, 104. survival, 105. insects, 106. glacial

107. The DNA molecule wraps around the \_\_\_\_\_ proteins to form a nucleosome.

*n.* a type of protein molecule that is responsible for packing and organizing DNA into a compact structure called chromatin within the nucleus of cells

108. The passage of the bill is \_\_\_\_\_.

*adj.* not probable or likely to happen

109. Many Germans \_\_\_\_\_ to South America in the mid-19th century.

*v.* to move from one country or region to another and settle there; to move from one place to another periodically or seasonally

110. They had to \_\_\_\_\_ a system that did not depend on fossil fuels.

*v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination

111. She felt a sense of \_\_\_\_\_ with her new colleagues.

*n.* the state or fact of being related to someone

112. The grandmother \_\_\_\_\_ a warm sweater for her grandchild.

*v.* to make a garment or fabric by interlocking loops of yarn with needles or a machine

113. I used an optical \_\_\_\_\_ to observe the small organisms in the water sample.

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

114. The sheep had a thick, \_\_\_\_\_ coat to keep it warm in the winter.

*adj.* covered with thick, soft, and often curly hair or fibers; lacking clarity or precision

ANSWERS: 107. histone, 108. unlikely, 109. migrated, 110. devise, 111. kinship, 112. knit, 113. microscope, 114. woolly



115. These birds can only \_\_\_\_\_ in temperate climates.

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

116. 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

117. \_\_\_\_\_ factors like genetics and personality are key in determining our behavior.

*adj.* originating or arising from within an organism, system, or process rather than from external factors; pertaining to internal causes or influences

118. There are various hypotheses concerning the \_\_\_\_\_ of life.

*n.* the first existence or beginning of something

119. The Egyptian \_\_\_\_\_ consist of a vast number of blocks.

*n.* a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt

120. We walked through the \_\_\_\_\_ and saw many different types of plants and animals.

*n.* land covered with trees and underbrush; a forest

121. The youngster was \_\_\_\_\_ at by the beast.

*v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

122. Hounds \_\_\_\_\_ their prey by using their keen scent.

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

ANSWERS: 115. survive, 116. ancient, 117. Endogenous, 118. origin, 119. pyramids, 120. woodland, 121. gazed, 122. hunt

123. My remote \_\_\_\_\_ immigrated to the United States from Ireland in the 1800s.  
*n.* a person from whom one is descended; a forefather
124. The wind \_\_\_\_\_ the leaves all over the lawn.  
*v.* to scatter or spread things over an area; to scatter something in an untidy way
125. The room was \_\_\_\_\_ of any furniture or decorations.  
*adj.* completely lacking or free from something
126. The male \_\_\_\_\_ fertilizes the female egg.  
*n.* the reproductive cell produced by a man or male animal
127. The school's mission is to \_\_\_\_\_ young children and prepare them for the future.  
*v.* to provide or receive instruction or training over a period of time at a school, university, etc.
128. His poem has a very significant \_\_\_\_\_.  
*n.* something that is inferred or indirectly stated; the act or fact of being involved in something
129. The baby \_\_\_\_\_ 1 pound 3 oz.  
*v.* to have a particular weight; to carefully evaluate things before making a conclusion
130. 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

ANSWERS: 123. ancestor, 124. strew, 125. devoid, 126. sperm, 127. educate, 128. implication, 129. weighs, 130. brain

131. Human females normally have two X \_\_\_\_\_.

- n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like

132. The organizational \_\_\_\_\_ of start-ups is often flat and straightforward.

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

133. \_\_\_\_\_ prevalent in hospitals are often resistant to antibiotics.

- n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

134. The teacher asked the students to \_\_\_\_\_ between the two similar species of birds.

- v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

135. The data center's \_\_\_\_\_ is impressive, allowing for quick processing of large amounts of data.

- n.* the amount of material or information that can be processed by a system or organization over a given period of time

136. The president prepared several possible \_\_\_\_\_ for an enemy attack.

- n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work

137. The allies \_\_\_\_\_ the terms of surrender to the country.

- v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded

ANSWERS: 131. chromosomes, 132. structure, 133. Bacteria, 134. differentiate, 135. throughput, 136. scenarios, 137. dictated

138. \_\_\_\_\_ and weather have an impact on every part of our lifestyles.  
*n.* the weather in a particular location averaged over some long period
139. 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
140. A stagnant water area are breeding ground for \_\_\_\_\_.  
*n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
141. The surgeon will \_\_\_\_\_ the eye tomorrow due to its irreversible damage.  
*v.* to remove the nucleus from a cell; to surgically remove the eye or the contents of the eye, leaving the scleral shell and sometimes the cornea intact
142. The guitar was coated with a \_\_\_\_\_ layer to protect the wood and enhance the tone.  
*n.* a sticky, viscous substance typically obtained from trees and plants, particularly conifers and evergreens; a material used in the manufacture of adhesives, plastics, and other products, particularly those that require stiffness or abrasion resistance
143. A rose has thorns on its \_\_\_\_\_.  
*n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
144. Meadows and pastures are examples of smaller-scale \_\_\_\_\_ in many parts of the world.  
*n.* a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock

ANSWERS: 138. Climate, 139. feat, 140. mosquitos, 141. enucleate, 142. resin, 143. stem, 144. grasslands

145. Certain types of \_\_\_\_\_ can be toxic to humans, causing severe illness if ingested.

*n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

146. The election was a \_\_\_\_\_ success for the Whigs.

*adj.* worthy of attention because unusual or special

ANSWERS: 145. fungus, 146. remarkable