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Vocabulary Builder Reference from...

Nathan Wolfe: The jungle search for viruses | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

discovery

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

synonym: finding, uncovering, detection

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

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

virus

n. a tiny infectious organic material that causes disease in people, animals, and plants

synonym: bacterium, germ, ailment

(1) spread of the **virus**, (2) a strain of **virus**

An infected person in the hospital will likely pass the **virus** to others.

humming

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

synonym: buzzing, droning, vibrating

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

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

chimpanzee

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

synonym : ape, chimp, pan troglodytes

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

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

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.

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.

ape

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

synonym : monkey, primate, simian

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

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

depression

n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market

synonym : recession, slump, despair

(1) the Great **Depression**, (2) the root problem of her **depression**

Depression symptoms might include a decrease in appetite and weight loss.

individual

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

synonym : person, being, self

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

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

infect

v. to affect a person, an animal, or a plant with a disease-causing organism

synonym: pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

quest

n. a long or challenging search for something

synonym: exploration, inquisition, pursuit

(1) the **quest** for truth, (2) on a **quest** for happiness

That adventurer traveled in **quest** of buried treasure.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

synonym: illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

transform

v. to change in outward structure or looks;

synonym: alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

pandemic

n. an outbreak of a disease that affects many people over a very wide area

synonym: outbreak

(1) flu **pandemic**, (2) global **pandemic**

They fear a **pandemic** of a new type of virus.

unique

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

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

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

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

vast

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

synonym: expansive, extended, boundless

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

A **vast** audience viewed the broadcast.

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.

bubble

n. a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses

synonym: blob, balloon, mania

(1) **bubble** in the champagne glass, (2) economic **bubble**

Many people worry that the current real estate market is a **bubble** that could burst soon.

population

n. the total number of people in a country, region, or location

synonym: people, inhabitants, folk

(1) **population** change, (2) labor **population**

In just four years, the **population** has doubled.

nevertheless

adv. in spite of that; yet

synonym: nonetheless, yet, still

(1) keep working **nevertheless**, (2) **nevertheless**, she

persevered

She was tired and hungry, but **nevertheless**, she persevered.

tackle

v. to try to deal with a complex problem or situation

synonym: deal with, dive into, work on

(1) **tackle** the issue, (2) help **tackle** climate change

The government is determined to **tackle** sharp inflation.

adapt

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

synonym: adjust, acclimate, accustom

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

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

interface

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

synonym: junction, surface, UI

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

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

label

n. a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category

synonym: tag, mark, identifier

(1) a mailing **label**, (2) **label** a bag with my name

The **label** on the food package lists the ingredients and nutritional information.

viral

adj. relating to or caused by a virus

(1) fight **viral** infections, (2) detect a **viral** code

This device can more accurately detect **viral** pathogens.

mentor

n. a person who helps and advises a younger or less experienced person over time, usually at work or school
synonym: adviser, coach, tutor

(1) **mentor** for life, (2) fashion **mentor**

As a **mentor**, he helped me realize my career.

Don

n. a Spanish gentleman; a university lecturer, especially a senior member of a college at Oxford or Cambridge

(1) the **don** of the university, (2) **Don** Giovanni

He could never go against what **Don** Carlos said.

ping

v. to make a high-pitched, ringing sound; to send a brief electronic message or signal to another computer or device to check its availability or connection status

synonym: knock, sound, ring

(1) **ping** me when you have arrived, (2) **ping** him with updates

I can **ping** my friend's computer to see if it's online.

movement

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

synonym: motion, progression, action

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

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

agent

n. a person who represents and negotiates on behalf of someone else, such as a literary agent or talent agent; (of chemistry and medicine) a substance that brings about a chemical or physical effect; (of computer science) a piece of software that performs a task autonomously

synonym: representative, delegate, envoy

(1) **agent** system, (2) antidiarrheal **agent**

The FBI **agent** went undercover to infiltrate the criminal

organization.

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.

fairly

adv. to a certain extent or degree; without favoring one party in an evenhanded manner

synonym: moderately, reasonably, pretty

(1) **fairly** accurate, (2) have a **fairly** clear view

He deals **fairly** with his employees.

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.

absolutely

adv. without restriction or limitation; completely or utterly

synonym: completely, utterly, definitely

(1) **absolutely** against, (2) **absolutely** obsessed with the girl

I am **absolutely** opposed to his idea because of morality.

intimate

adj. having a very close friendship, personal

synonym: close, tight, friendly

(1) my **intimate** affairs, (2) **intimate** relationship

He has an **intimate** knowledge of American history.

intensive

adj. involving a lot of work or activity in a short time

synonym: thorough, comprehensive, in-depth

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

The construction industry is labor **intensive**, although it has been somewhat automated by introducing large machinery.

specimen

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

synonym: example, sample, model

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

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

id

n. a part of the psyche that represents the unconscious desires and instincts of an individual; in psychoanalytic theory, it is believed to be the most basic and primal part of the human psyche; (also ID, short for identification) a document or card that proves a person's identity, such as a driver's license, passport, or national ID card

synonym: identity, ego, persona

(1) the **id** ego, (2) **ID** card

I forgot my **ID** at home and needed it to enter the club.

moving

adj. causing strong emotions or feelings, especially sadness or sympathy

synonym: emotional, poignant, touching

(1) **moving** experience, (2) **moving** ceremony

His **moving** speech about his struggles with addiction brought tears to the audience's eyes.

objective

n. a goal, aim, or purpose that is intended or sought after; a goal that is based on facts, evidence, or unbiased reasoning rather than personal opinions, feelings, or beliefs; (adjective) of or relating something that is based on facts and not influenced by personal feelings or biases

synonym: goal, purpose, aim

(1) **objective** assessment, (2) financial **objective**

The study's main **objective** is to identify risk factors for heart disease.

monitor

v. to observe, check, and track the progress or quality of something over a period of time

synonym: proctor, check, observe

(1) **monitor** an exam, (2) **monitor** the data carefully
They used a special receiver to **monitor** police radio channels.

continuously

adv. without being interrupted or paused; repeatedly
synonym: constantly, frequently, always

(1) use one thing **continuously**, (2) **continuously** removed
The country's domestic coal consumption has been **continuously** declining for decades.

basis

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

synonym: foundation, base, ground

(1) on an equal **basis**, (2) **basis** for calculation
This evidence will form the **basis** for our discussion.

enlist

v. to sign up to serve in the military or a particular organization

synonym: join, sign up, appoint

(1) **enlist** in a cause, (2) **enlist** for a soldier
He decided to **enlist** in the military after graduating from high school.

filter

n. any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

synonym: strainer

(1) gas **filter**, (2) clogged **filter**
Ozone is a primary **filter** to protect Earth's surface from harmful UV rays.

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

narrator

n. a person who tells a story, especially in a book or film
synonym: teller, storyteller

(1) first-person **narrator**, (2) the **narrator** of the TV program
The **narrator** makes use of the local dialect.

stalk

v. to follow or track someone or something closely and quietly, usually to cause harm or surveillance; to move slowly and quietly to avoid detection; (noun) the main stem of a plant that supports leaves, flowers, and fruit; the stem or main axis of a support structure or framework

synonym: follow, creep up on, (noun) stem

(1) **stalk** of celery, (2) **stalk** from the room

The hunter quietly **stalked** the deer for hours before taking the shot

prey

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

synonym: target, quarry, chase

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

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

bush

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

synonym: copse, scrub, brushwood

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

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

trap

n. a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

synonym: catch, snare, pinfall

(1) set a **trap**, (2) **trap** an animal

The enemy fell right into the **trap**.

snare

n. a trap or device used to catch animals by means of a noose or wire loop; a type of drum consisting of a head stretched over a hollow shell, usually played with drumsticks

synonym : trap, noose, entanglement

(1) **snare** drum, (2) fall into a **snare**

The thief was caught in a **snare** set by the police.

rodent

n. a small, gnawing mammal, such as a mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail

synonym : mouse, rat, hamster

(1) **rodent** repellent, (2) prevent **rodent** damage

He set up a trap to catch the **rodent**.

rustle

v. to make a soft, crackling sound, like the sound caused by the movement of dry leaves or paper; to move quietly or furtively to avoid being heard or noticed

synonym : swish, whisper, murmur

(1) **rustle** up a meal, (2) **rustle** paper

The leaves **rustled** in the wind, creating a peaceful sound in the forest.

pathogen

n. a bacterium, virus, or other microorganism that causes disease

synonym : germ, microbe, bacterium

(1) plant **pathogen**, (2) the **pathogen** in the air

mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

specific

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

synonym : particular, definite, distinct

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

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

transmission

n. the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

synonym: transportation, communication, broadcast

(1) **transmission** speed, (2) the **transmission** gears of a car

Education is the **transmission** of civilization.

infection

n. a condition in which pathogenic microorganisms or viruses have entered the body

synonym: contagion, disease, transmission

(1) a bacterial **infection**, (2) treat the **infection** with antibiotics

Hospitals must meet various standards to prevent nosocomial **infections**.

novel

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

synonym: fiction, story, (adjective) innovative

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

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

display

v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

synonym: show, exhibit, present

(1) **display** merchandise, (2) **display** artwork

We need to **display** our products in an attractive way to attract customers.

zoonotic

adj. relating to a zoonosis, which is a disease or infection that can be transmitted from animals to humans

synonym: infectious, contagious, transmissible

(1) **zoonotic** diseases, (2) **zoonotic** transmission

The spread of the disease was due to its **zoonotic** nature, able to infect both humans and animals.

associate

v. to mentally connect someone or something with someone or something else

synonym: tie in, link, consociate

(1) **associate** alcohol with gambling, (2) **associate** with people widely

The majority of consumers **associate** this brand with quality.

presumably

adv. believed to be true or likely based on the available evidence, or supposed to be the case without definite proof

synonym: likely, seemingly, supposedly

(1) **presumably** accurate, (2) **presumably** refuse the offer

The witness's testimony was **presumably** based on what he had seen and heard.

perspective

n. a confident attitude toward something; a particular style of thinking about something

synonym: viewpoint, standpoint, outlook

(1) a **perspective** view, (2) the **perspective** of the battle

His father's death changed his whole **perspective** on life.

obvious

adj. easy to see, discover or understand

synonym: apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**

There are **obvious** differences between the two wine-producing regions.

grandchild

n. a child of someone's son or daughter

synonym: offspring, descendant, progeny

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

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

pose

v. to present a risk, problem, or other issues that must be addressed

synonym: present, put, position

(1) **pose** a significant threat to my company, (2) **pose** a challenge

The chemicals **pose** a massive health risk.

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**.

endangered

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

synonym: at risk, threatened, vulnerable

(1) **endangered** species, (2) **endangered** ecosystem

The government has implemented policies to protect the habitat of **endangered** animals.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

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.

poverty

n. the condition of being extremely poor

synonym: deprivation, destitution, poorness

(1) **poverty** alleviation, (2) the cycle of **poverty**

Many studies have investigated the relationship between **poverty** and academic achievement.

profound

adj. extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension

synonym : deep, unsounded, far-reaching

(1) a **profound** book, (2) the **profound** depths of the sea

My mother's illness had a **profound** impact on us all.

instability

n. the state of being unstable or uncertain and likely to change suddenly

synonym : imbalance, fluctuation, unstableness

(1) political **instability**, (2) **instability** in currency markets

Lack of sleep and overwork often lead to emotional **instability**.

intense

adj. (especially of a feeling) very strong; extremely sharp or severe

synonym : extreme, fierce, harsh

(1) **intense** heat, (2) develop **intense** itching

That statement by the prime minister drew **intense** international criticism.

sustainable

adj. able to continue or be continued for a long time

synonym : continuable, enduring, tolerable

(1) **sustainable** alternative fuel, (2) principles of **sustainable** development

The government should do more to support environmentally **sustainable** agriculture.

insecure

adj. not firm or firmly fixed; likely to fail or give way, or not assured of safety

synonym : uncertain, unsure, unconfident

(1) an **insecure** future, (2) **insecure** attachment

Children in an unstructured environment often feel **insecure**.

probable

adj. likely to happen or likely to be true

synonym : likely, possible, potential

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

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

responsible

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

synonym: accountable, answerable, liable

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

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

crisis

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

synonym: concern, problem, emergency

(1) financial **crisis**, (2) **crisis** management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

humanity

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

synonym: humankind, society, human race

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

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

neglect

v. to not give enough care or attention to something; to leave something undone

synonym: delinquency, carelessness, decay

(1) **neglect** to call, (2) **neglect** ethical issues

He **neglected** his health to make the project a success.

peril

n. serious and great danger or risk

synonym: hazard, danger, threat

(1) the **peril** of the sea, (2) environmental **peril**

Due to hunger, the lives of the refugees were in **peril**.

colonel

n. a military rank above a lieutenant colonel and below a general

synonym: officer, military, ranking officer

(1) **colonel** rank, (2) brevet **colonel**

The Army **colonel** led the troops into battle.

doctoral

adj. of or relating to doctorate (= the highest degree from a university) or the achievement of a doctorate

synonym: doctoral

(1) **doctoral** program, (2) **doctoral** research

She is pursuing a **doctoral** degree in psychology to become a licensed therapist.

fellow

adj. someone who has the same job or interests as you, or is in the same class, profession, or situation as you

synonym: buddy, mate, affiliate

(1) junior **fellow**, (2) nice **fellow**

He is the kind of **fellow** who only works for his success.

locate

v. to specify or determine the exact position of someone or something

synonym: discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

needless

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

synonym: unnecessary, pointless, superfluous

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

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

drastic

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

synonym: extreme, fierce, radical

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

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

present.

challenging

adj. difficult, demanding, or requiring a high degree of skill or effort; presenting a difficult problem or obstacle

synonym : difficult, demanding, arduous

(1) **challenging** task, (2) mentally **challenging**

The advanced math problem was **challenging**, but the student was determined to solve it.

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.

colleague

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

synonym : coworker, associate, fellow

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

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

collaborate

v. to work with someone else to produce or achieve something

synonym : cooperate, unite, get together

(1) **collaborate** with the police, (2) **collaborate** on a press release

She agreed to **collaborate** with him in creating new artwork.

obtain

v. to get something, especially by making a great effort

synonym : accept, acquire, receive

(1) **obtain** a license, (2) **obtain** a bid

Where can I **obtain** the application form?

communicate

v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

synonym : convey, share, transmit

(1) **communicate** his anxieties to the psychiatrist,
(2) **communicate** well with my advisor
Dolphins use sound to **communicate** with each other.

nation

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

synonym: country, state, sovereign entity

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

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

correspondent

n. a person who writes news reports for publication or broadcast

synonym: reporter, journalist, writer

(1) a foreign **correspondent**, (2) **correspondent** bank

The special **correspondent** reported live from the front line of the conflict.

hire

v. to give somebody a job

synonym: employ, engage, lease

(1) **hire** a guide, (2) **hire** a car by the hour

We should always be prepared to **hire** talented recruits.

rural

adj. of or relating to the countryside

synonym: agrarian, country, rustic

(1) **rural** accents, (2) people in **rural** areas

Many **rural** areas are still impoverished.

recognize

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

synonym: acknowledge, identify, admit

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

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

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

aspect

n. one part or feature of a situation, problem, subject, etc.

synonym: characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

regard

v. to think about or consider somebody or something in a specified way

synonym: consider, see, reckon

(1) **regard** him as an enemy, (2) **regard** the situation as unfortunate

Frugality and industry are still **regarded** as virtues.

wildlife

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

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

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

conservation

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

synonym: preservation, protection, saving

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

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

prevention

n. the action, process, or strategy of stopping something undesirable or harmful from happening; the act of preventing, interfering, or hindering unwanted events or outcomes

synonym: precaution, hindrance, obstruction

(1) **prevention** of crime, (2) **prevention** strategy

The company will need to invest in fire **prevention** equipment to ensure the safety of its employees.

obstacle

n. a thing that blocks one's way or prevents or hinders progress

synonym : hindrance, barrier, block

(1) an **obstacle** to progress, (2) **obstacle** avoidance

The **obstacle** course was challenging but fun.

lab

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

synonym : workshop, laboratory, research chamber

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

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

investigator

n. a person whose job is to conduct an investigation or inquiry into something, often to gather information or evidence

synonym : inspector, sleuth, detective

(1) private **investigator**, (2) clinical **investigator**

The forensic **investigator** collected DNA samples from the crime scene to identify the perpetrator

laboratory

n. a workplace for doing scientific research or teaching science; a lab

synonym : lab, workshop, testing room

(1) **laboratory** accident, (2) anthropology **laboratory**

Animal protection groups call for an end to animal testing in a **laboratory**.

brew

v. to make beer or tea by mixing a substance with hot water

synonym : make, prepare

(1) **brew** a cup of tea, (2) **brew** beer

I am going to **brew** some coffee this morning.

- beg** v. to ask for something urgently or earnestly; to appeal to someone to do something
synonym : plead, implore, entreat
(1) **beg** the question, (2) **beg** for help
She **begged** her parents to let her go to the concert.
- folk** n. people in general, especially those of a particular group or type
synonym : community, family, person
(1) **folk** art, (2) the **folk** songs of a particular district
Some seaweed was used as **folk** medicine in ancient times.
- liquid** n. a substance, such as water or oil that flows freely and is neither a solid nor a gas
synonym : fluid
(1) colorless **liquid**, (2) hazardous **liquid**
The sponge takes up the **liquid** well.
- nitrogen** n. a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins
(1) heavy **nitrogen**, (2) **nitrogen** absorption
Nitrogen gas is used to inflate car tires because it does not react with rubber.
- brand** n. a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
synonym : trademark, label, symbol
(1) create a **brand** logo, (2) the **brand** of the new car
There's a new **brand** of hero in the movies now.
- retrovirus** n. a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can

cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)

(1) **retrovirus** infection, (2) feline **retrovirus**

The patient's condition improved after beginning a **retrovirus-targeted** treatment regimen.

communal

adj. belonging to or used by a group rather than individuals; for common use

synonym: collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

Communal elections were held in several European countries.

urban

adj. relating to or located in a town or city

synonym: metropolitan, civic

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

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

critic

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

synonym: pundit, analyst, attacker

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

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

decide

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

synonym: choose, determine, settle

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

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

attempt

n. an act or effort of trying to do something, especially something difficult

synonym : endeavor, effort, try

(1) the **attempt** to rescue the hostages, (2) a reckless **attempt**

The third **attempt** was far more successful.

phase

n. any stage in a series of events, change, or development

synonym : degree, stage, step

(1) enter on the last **phase**, (2) two- **phase** structure

The era of the industrial revolution was a crucial **phase** of history.

generous

adj. willing to give and share something such as money, help, kindness, etc., especially more than is necessary or expected

synonym : charitable, benevolent, giving

(1) a **generous** reward, (2) a **generous** and thoughtful person

This teacher is **generous** in his grading.

partnership

n. the state of a cooperative relationship between people or groups, especially in business

synonym : alliance, participation, cooperation

(1) **partnership** across the Atlantic, (2) establish a **partnership**

The military **partnership** between the two countries created tension in the international community.

scientifically

adv. in a way that relates to science or is connected with science

(1) investigate **scientifically**, (2) **scientifically** explainable

The hypothesis is not yet **scientifically** proven.

foundation

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

synonym : base, support, groundwork

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

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

forecast

n. a prediction or statement about how something, such as the weather, will develop or what will happen in the future; (verb) to predict the future in advance

synonym : prediction, outlook, (verb) guess

(1) a weather **forecast**, (2) **forecast** an epidemic

Their team specializes in demand **forecasts** for our products.

initiative

n. the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need

synonym : enterprise, drive, ambition

(1) a peace **initiative**, (2) take **initiative**

The teacher's **initiative** to start a school garden project was met with enthusiasm from the students.

emerge

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

synonym : arise, occur, appear

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

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

addition

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

synonym : accumulation, expansion, addendum

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

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

deploy

v. to move troops or weapons into a position or military action; to bring into something in an effective way

synonym : set up, expand, launch

(1) **deploy** troops for battle, (2) **deploy** safety measures

This country **deployed** its weapons in the east region.

extended

adj. longer than usual or anticipated

synonym : extensive, prolonged, elongated

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

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

hotspot

n. a place or area, typically a location or region, that is known for having an unusually high number of a particular phenomenon, such as disease, activity, or popularity

synonym : epicenter, cluster, outbreak

(1) covid-19 **hotspot**, (2) geographic **hotspot**

The airport is a **hotspot** for tourists and travelers from around the world.

cast

v. to cause light or shadow to appear on a surface; to assign or choose someone such as an actor or representative, especially by selection process

synonym : throw, project, select

(1) **cast** a ballot, (2) **cast** a charming eye

This accident **cast** a dark shadow over their lives.

incredibly

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

synonym : enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

organism

n. a tiny living thing

synonym : being, creature

(1) aerobic **organism**, (2) group of **organisms**

A diversified plant species generally enhances beneficial **organism** populations.

awe

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

synonym : wonder, amazement, reverence

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

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

despair

n. the feeling that there is no hope and you cannot do anything to improve a difficult situation

synonym : dismay, anguish, misery

(1) **despair** at the future, (2) untold **despair**

His friend's death drove him to **despair**.

intelligent

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

synonym : brilliant, clever, competent

(1) an **intelligent** person, (2) **intelligent** assisting system

Intelligent robots that can cooperate with humans have limited motor output for safety.

extraterrestrial

adj. relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth

synonym : alien, outer, otherworldly

(1) **extraterrestrial** planet, (2) **extraterrestrial** intelligence

Scientists are constantly searching for signs of **extraterrestrial** life in the universe.

writ

n. a written legal order or command

synonym : legal document, order, legal process

(1) a **writ** of summons, (2) issue a **writ**

He was served with a **writ** of eviction, giving him the notice to vacate the property.

encyclopedia

n. a comprehensive reference work containing articles on a wide range of subjects or numerous aspects of a particular field or discipline, usually arranged alphabetically or thematically

synonym : dictionary, compendium, almanac

(1) **encyclopedia** entry, (2) online **encyclopedia**

Many bookshops no longer carry printed **encyclopedias**, but some libraries still hold onto their collections.

volume

n. the amount of space occupied by an object or substance; the magnitude of sound

synonym: capacity, amount, intensity

(1) **volume** of work, (2) high **volume**

This container has a **volume** of 10 cubic meters.

devote

v. to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose

synonym: commit, dedicate, apply

(1) **devote** all of my energies, (2) **devote** my own life

He **devoted** himself to studying the history of ancient civilizations.

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.

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.

footnote

n. a note of additional information provided at the bottom of a page in a book or document, often indicated by a superscript number or symbol in the main text

synonym: annotation, comment, reference

(1) **footnote** citation, (2) add a **footnote**

I included a **footnote** in my essay to provide additional information and sources for my argument.

nonetheless

adv. in spite of what has just been said or done; nevertheless

synonym: nevertheless, regardless, still

(1) we are **nonetheless** confident, (2) love him

nonetheless

They each choose **nonetheless** to battle.

exciting

adj. causing a lot of interest or excitement

synonym: exhilarating, stimulating, thrilling

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

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

dominant

adj. more important, influential, or easy to notice than anything else of the same type

synonym: chief, predominant, prevailing

(1) achieve a **dominant** share, (2) **dominant** force

Her company soon won a **dominant** market share.

explore

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

synonym: analyze, delve into, examine

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

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

Session 2: Spelling

- | | |
|----------------------------------|--|
| 1. in____e heat | <i>adj.</i> (especially of a feeling) very strong; extremely sharp or severe |
| 2. sus____le alternative fuel | <i>adj.</i> able to continue or be continued for a long time |
| 3. h__t after knowledge | <i>v.</i> to go after and try to catch wild animals to kill them for food, sport, or profit |
| 4. ba__s for calculation | <i>n.</i> the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged |
| 5. b__w a cup of tea | <i>v.</i> to make beer or tea by mixing a substance with hot water |
| 6. save the pl____t | <i>n.</i> any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star |
| 7. first-person na____or | <i>n.</i> a person who tells a story, especially in a book or film |
| 8. co____al combination of funds | <i>adj.</i> belonging to or used by a group rather than individuals; for common use |
| 9. trees and b__hes | <i>n.</i> a plant growing thickly with many small branches and several stiff stems coming up from the root |
| 10. mass of hu____ty | <i>n.</i> all people living on the earth; the quality or state of being human rather than an animal, a machine, etc. |

ANSWERS: 1. intense, 2. sustainable, 3. hunt, 4. basis, 5. brew, 6. planet, 7. narrator, 8. communal, 9. bush, 10. humanity

11. pre_____ly accurate *adv.* believed to be true or likely based on the available evidence, or supposed to be the case without definite proof
12. in_____ve care *adj.* involving a lot of work or activity in a short time
13. achieve a do_____nt share *adj.* more important, influential, or easy to notice than anything else of the same type
14. ru__l accents *adj.* of or relating to the countryside
15. ru___e paper *v.* to make a soft, crackling sound, like the sound caused by the movement of dry leaves or paper; to move quietly or furtively to avoid being heard or noticed
16. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
17. id_____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
18. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
19. develop in_____e itching *adj.* (especially of a feeling) very strong; extremely sharp or severe
20. a feeling of a_e *n.* a feeling of respect and wonder inspired by someone or something greatly admired
21. em___e from poverty *v.* to move out of or away from something and become visible
22. set a t__p *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

ANSWERS: 11. presumably, 12. intensive, 13. dominant, 14. rural, 15. rustle, 16. responsible, 17. identify, 18. humming, 19. intense, 20. awe, 21. emerge, 22. trap

23. co____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
24. in____re attachment *adj.* not firm or firmly fixed; likely to fail or give way, or not assured of safety
25. vo____e of work *n.* the amount of space occupied by an object or substance; the magnitude of sound
26. anthropology lab____ry *n.* a workplace for doing scientific research or teaching science; a lab
27. lab____ry accident *n.* a workplace for doing scientific research or teaching science; a lab
28. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
29. ext_____ial planet *adj.* relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth
30. a bacterial in____on *n.* a condition in which pathogenic microorganisms or viruses have entered the body
31. di____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
32. po____y alleviation *n.* the condition of being extremely poor
33. heavy ni____en *n.* a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins

ANSWERS: 23. communal, 24. insecure, 25. volume, 26. laboratory, 27. laboratory, 28. lab, 29. extraterrestrial, 30. infection, 31. disease, 32. poverty, 33. nitrogen

34. di_____y artwork *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
35. re____d him as an enemy *v.* to think about or consider somebody or something in a specified way
36. colorless li____d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
37. ID card *n.* a part of the psyche that represents the unconscious desires and instincts of an individual; in psychoanalytic theory, it is believed to be the most basic and primal part of the human psyche; (also ID, short for identification) a document or card that proves a person's identity, such as a driver's license, passport, or national ID card
38. tre_____us amount *adj.* very great in degree or extent or amount or impact; extremely good
39. environmental pe__l *n.* serious and great danger or risk
40. ex_____t by human activity *adj.* no longer in existence
41. pre_____on of crime *n.* the action, process, or strategy of stopping something undesirable or harmful from happening; the act of preventing, interfering, or hindering unwanted events or outcomes
42. tra_____ion speed *n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

ANSWERS: 34. display, 35. regard, 36. liquid, 37. id, 38. tremendous, 39. peril, 40. extinct, 41. prevention, 42. transmission

43. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
44. brevet co_____l *n.* a military rank above a lieutenant colonel and below a general
45. fashion me____r *n.* a person who helps and advises a younger or less experienced person over time, usually at work or school
46. as_____te alcohol with gambling *v.* to mentally connect someone or something with someone or something else
47. int_____nt assisting system *adj.* having the capacity for thought and reason, especially to a high degree
48. 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
49. de____e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
50. have a fa____y clear view *adv.* to a certain extent or degree; without favoring one party in an evenhanded manner
51. ob____n a license *v.* to get something, especially by making a great effort
52. fo_____st an epidemic *n.* a prediction or statement about how something, such as the weather, will develop or what will happen in the future; (verb) to predict the future in advance

ANSWERS: 43. communicate, 44. colonel, 45. mentor, 46. associate, 47. intelligent, 48. fungus, 49. decide, 50. fairly, 51. obtain, 52. forecast

53. enter on the last ph__e *n.* any stage in a series of events, change, or development
54. severe cr___c *n.* someone who expresses opinions about the quality of books, music, etc.
55. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
56. covid-19 ho_____t *n.* a place or area, typically a location or region, that is known for having an unusually high number of a particular phenomenon, such as disease, activity, or popularity
57. group of or_____sms *n.* a tiny living thing
58. gra_____ld-grandparent relationship *n.* a child of someone's son or daughter
59. c__t a ballot *v.* to cause light or shadow to appear on a surface; to assign or choose someone such as an actor or representative, especially by selection process
60. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
61. a seafaring na____n *n.* a large organized community of people living in a particular country or region and having a particular culture
62. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
63. botanical sp_____en *n.* an individual example or sample of something, typically used to represent a larger group or category

ANSWERS: 53. phase, 54. critic, 55. colleague, 56. hotspot, 57. organism, 58. grandchild, 59. cast, 60. specific, 61. nation, 62. identify, 63. specimen

64. the pa____en in the air *n.* a bacterium, virus, or other microorganism that causes disease
65. 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
66. pre_____ly refuse the offer *adv.* believed to be true or likely based on the available evidence, or supposed to be the case without definite proof
67. de____y safety measures *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
68. mo_____r the data carefully *v.* to observe, check, and track the progress or quality of something over a period of time
69. sci_____lly explainable *adv.* in a way that relates to science or is connected with science
70. fo_____te situation *adj.* having good luck or lucky
71. 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
72. na____n-state *n.* a large organized community of people living in a particular country or region and having a particular culture

ANSWERS: 64. pathogen, 65. pyramid, 66. presumably, 67. deploy, 68. monitor, 69. scientifically, 70. fortunate, 71. bacteria, 72. nation

73. geographic ho____t *n.* a place or area, typically a location or region, that is known for having an unusually high number of a particular phenomenon, such as disease, activity, or popularity
74. high vo____e *n.* the amount of space occupied by an object or substance; the magnitude of sound
75. p__g him with updates *v.* to make a high-pitched, ringing sound; to send a brief electronic message or signal to another computer or device to check its availability or connection status
76. gas fi____r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
77. re____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
78. ta____e the issue *v.* to try to deal with a complex problem or situation
79. end____ed species *adj.* at risk of extinction because it is facing significant threats
80. people in ru__l areas *adj.* of or relating to the countryside
81. the cycle of po____y *n.* the condition of being extremely poor
82. economic bu____e *n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses

ANSWERS: 73. hotspot, 74. volume, 75. ping, 76. filter, 77. recognize, 78. tackle, 79. endangered, 80. rural, 81. poverty, 82. bubble

83. bu___e in the champagne glass *n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses
84. online enc_____dia *n.* a comprehensive reference work containing articles on a wide range of subjects or numerous aspects of a particular field or discipline, usually arranged alphabetically or thematically
85. fou_____on course *n.* the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes
86. a ge_____us and thoughtful person *adj.* willing to give and share something such as money, help, kindness, etc., especially more than is necessary or expected
87. ru___e up a meal *v.* to make a soft, crackling sound, like the sound caused by the movement of dry leaves or paper; to move quietly or furtively to avoid being heard or noticed
88. re___d the situation as unfortunate *v.* to think about or consider somebody or something in a specified way
89. flu pa_____ic *n.* an outbreak of a disease that affects many people over a very wide area
90. pr_____le outcome *adj.* likely to happen or likely to be true

ANSWERS: 83. bubble, 84. encyclopedia, 85. foundation, 86. generous, 87. rustle, 88. regard, 89. pandemic, 90. probable

91. ins_____ty in currency markets *n.* the state of being unstable or uncertain and likely to change suddenly
92. a per_____ve view *n.* a confident attitude toward something; a particular style of thinking about something
93. the id ego *n.* a part of the psyche that represents the unconscious desires and instincts of an individual; in psychoanalytic theory, it is believed to be the most basic and primal part of the human psyche; (also ID, short for identification) a document or card that proves a person's identity, such as a driver's license, passport, or national ID card
94. the tra_____ion gears of a car *n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
95. a private ind_____al *n.* a single person or thing, as distinct from a group
96. prevent ro____t damage *n.* a small, gnawing mammal, such as a mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail
97. make dr_____c revision *adj.* radical and extreme; likely to have a significant or far-reaching impact
98. add a fo_____te *n.* a note of additional information provided at the bottom of a page in a book or document, often indicated by a superscript number or symbol in the main text

ANSWERS: 91. instability, 92. perspective, 93. id, 94. transmission, 95. individual, 96. rodent, 97. drastic, 98. footnote

99. on an equal ba__s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
100. two-ph__e structure *n.* any stage in a series of events, change, or development
101. in____te relationship *adj.* having a very close friendship, personal
102. ag__t system *n.* a person who represents and negotiates on behalf of someone else, such as a literary agent or talent agent; (of chemistry and medicine) a substance that brings about a chemical or physical effect; (of computer science) a piece of software that performs a task autonomously
103. a peace ini____ve *n.* the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need
104. political ins____ty *n.* the state of being unstable or uncertain and likely to change suddenly
105. a reckless at____t *n.* an act or effort of trying to do something, especially something difficult
106. cor____ent bank *n.* a person who writes news reports for publication or broadcast
107. junior fe____w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you

ANSWERS: 99. basis, 100. phase, 101. intimate, 102. agent, 103. initiative, 104. instability, 105. attempt, 106. correspondent, 107. fellow

108. on a qu__t for happiness *n.* a long or challenging search for something
109. st__k of celery *v.* to follow or track someone or something closely and quietly, usually to cause harm or surveillance; to move slowly and quietly to avoid detection; (noun) the main stem of a plant that supports leaves, flowers, and fruit; the stem or main axis of a support structure or framework
110. fo____te citation *n.* a note of additional information provided at the bottom of a page in a book or document, often indicated by a superscript number or symbol in the main text
111. ret____us infection *n.* a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)
112. no__l effect *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
113. a un___e teacher *adj.* being the only one of its kind; unlike anything else
114. get inc____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
115. the at____t to rescue the hostages *n.* an act or effort of trying to do something, especially something difficult

ANSWERS: 108. quest, 109. stalk, 110. footnote, 111. retrovirus, 112. novel, 113. unique, 114. incredibly, 115. attempt

116. inc_____le amount *adj.* unbelievable; enormous
117. ur__n property owners *adj.* relating to or located in a town or city
118. v__t majority *adj.* enormous in size, number, amount, or quantity
119. an int_____nt person *adj.* having the capacity for thought and reason, especially to a high degree
120. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
121. untold de_____r *n.* the feeling that there is no hope and you cannot do anything to improve a difficult situation
122. zo_____ic diseases *adj.* relating to a zoonosis, which is a disease or infection that can be transmitted from animals to humans
123. de___y troops for battle *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
124. or___n of information *n.* the first existence or beginning of something
125. ob_____le avoidance *n.* a thing that blocks one's way or prevents or hinders progress
126. de___e all of my energies *v.* to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
127. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

ANSWERS: 116. incredible, 117. urban, 118. vast, 119. intelligent, 120. disease, 121. despair, 122. zoonotic, 123. deploy, 124. origin, 125. obstacle, 126. devote, 127. decide

128. p__g me when you have arrived *v.* to make a high-pitched, ringing sound; to send a brief electronic message or signal to another computer or device to check its availability or connection status
129. jungle a_e *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
130. t__p an animal *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
131. sp____en collection *n.* an individual example or sample of something, typically used to represent a larger group or category
132. com_____te his anxieties to the psychiatrist *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
133. the per_____ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something
134. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
135. zo_____ic transmission *adj.* relating to a zoonosis, which is a disease or infection that can be transmitted from animals to humans
136. the f__k songs of a particular district *n.* people in general, especially those of a particular group or type

ANSWERS: 128. ping, 129. ape, 130. trap, 131. specimen, 132. communicate, 133. perspective, 134. lab, 135. zoonotic, 136. folk

137. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
138. ne_____t ethical issues *v.* to not give enough care or attention to something; to leave something undone
139. plant pa_____en *n.* a bacterium, virus, or other microorganism that causes disease
140. dr_____c measures *adj.* radical and extreme; likely to have a significant or far-reaching impact
141. h__e a car by the hour *v.* to give somebody a job
142. ob____n a bid *v.* to get something, especially by making a great effort
143. ex_____ng football player *adj.* causing a lot of interest or excitement
144. an ob_____le to progress *n.* a thing that blocks one's way or prevents or hinders progress
145. abs_____ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly
146. lo____e a missing pet *v.* to specify or determine the exact position of someone or something
147. mentally cha_____ng *adj.* difficult, demanding, or requiring a high degree of skill or effort; presenting a difficult problem or obstacle
148. an in_____re future *adj.* not firm or firmly fixed; likely to fail or give way, or not assured of safety
149. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
150. ro____t repellent *n.* a small, gnawing mammal, such as a mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail

ANSWERS: 137. responsible, 138. neglect, 139. pathogen, 140. drastic, 141. hire, 142. obtain, 143. exciting, 144. obstacle, 145. absolutely, 146. locate, 147. challenging, 148. insecure, 149. adapt, 150. rodent

151. fa___y accurate *adv.* to a certain extent or degree; without favoring one party in an evenhanded manner
152. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
153. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
154. the na_____or of the TV program *n.* a person who tells a story, especially in a book or film
155. ni_____en absorption *n.* a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins
156. in_____ve agriculture *adj.* involving a lot of work or activity in a short time
157. ur__n planning *adj.* relating to or located in a town or city
158. global pa_____ic *n.* an outbreak of a disease that affects many people over a very wide area
159. love him non_____ss *adv.* in spite of what has just been said or done; nevertheless
160. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
161. 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

ANSWERS: 151. fairly, 152. discovery, 153. incredibly, 154. narrator, 155. nitrogen, 156. intensive, 157. urban, 158. pandemic, 159. nonetheless, 160. addition, 161. fungus

162. ex_____e our options *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
163. chi_____ee society *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
164. p__y of beast *n.* the object of a hunt; an animal hunted or trapped for eating
165. long-ex_____t volcano *adj.* no longer in existence
166. f__k art *n.* people in general, especially those of a particular group or type
167. a weather fo_____st *n.* a prediction or statement about how something, such as the weather, will develop or what will happen in the future; (verb) to predict the future in advance
168. clinical inv_____tor *n.* a person whose job is to conduct an investigation or inquiry into something, often to gather information or evidence
169. tre_____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
170. historical no__l *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
171. pl____t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 162. explore, 163. chimpanzee, 164. prey, 165. extinct, 166. folk, 167. forecast, 168. investigator, 169. tremendous, 170. novel, 171. planet

172. D_n Giovanni *n.* a Spanish gentleman; a university lecturer, especially a senior member of a college at Oxford or Cambridge
173. become p__y to terrorists *n.* the object of a hunt; an animal hunted or trapped for eating
174. take ini_____ve *n.* the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need
175. ex_____e the world *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
176. enc_____dia entry *n.* a comprehensive reference work containing articles on a wide range of subjects or numerous aspects of a particular field or discipline, usually arranged alphabetically or thematically
177. financial cr___s *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
178. issue a w__t *n.* a written legal order or command
179. do_____nt force *adj.* more important, influential, or easy to notice than anything else of the same type
180. keep working nev_____ess *adv.* in spite of that; yet
181. principles of sus_____le development *adj.* able to continue or be continued for a long time

ANSWERS: 172. Don, 173. prey, 174. initiative, 175. explore, 176. encyclopedia, 177. crisis, 178. writ, 179. dominant, 180. nevertheless, 181. sustainable

182. help ta___e climate change *v.* to try to deal with a complex problem or situation
183. a mailing la__l *n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
184. mo___g experience *adj.* causing strong emotions or feelings, especially sadness or sympathy
185. en___t in a cause *v.* to sign up to serve in the military or a particular organization
186. ob____s reasons *adj.* easy to see, discover or understand
187. sn__e drum *n.* a trap or device used to catch animals by means of a noose or wire loop; a type of drum consisting of a head stretched over a hollow shell, usually played with drumsticks
188. the pe__l of the sea *n.* serious and great danger or risk
189. v__t desert *adj.* enormous in size, number, amount, or quantity
190. di____y merchandise *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
191. mo____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
192. h__t a job *v.* to go after and try to catch wild animals to kill them for food, sport, or profit

ANSWERS: 182. tackle, 183. label, 184. moving, 185. enlist, 186. obvious, 187. snare, 188. peril, 189. vast, 190. display, 191. movement, 192. hunt

193. at inc_____le speed *adj.* unbelievable; enormous
194. ex_____ng news *adj.* causing a lot of interest or excitement
195. financial ob_____ve *n.* a goal, aim, or purpose that is intended or sought after; a goal that is based on facts, evidence, or unbiased reasoning rather than personal opinions, feelings, or beliefs; (adjective) of or relating something that is based on facts and not influenced by personal feelings or biases
196. pr_____le cause of a fire *adj.* likely to happen or likely to be true
197. con_____sly removed *adv.* without being interrupted or paused; repeatedly
198. de___e my own life *v.* to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
199. mo___g ceremony *adj.* causing strong emotions or feelings, especially sadness or sympathy
200. b__w beer *v.* to make beer or tea by mixing a substance with hot water
201. ex_____ed vacation *adj.* longer than usual or anticipated
202. clogged fi___r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
203. spread of the vi___s *n.* a tiny infectious organic material that causes disease in people, animals, and plants

ANSWERS: 193. incredible, 194. exciting, 195. objective, 196. probable, 197. continuously, 198. devote, 199. moving, 200. brew, 201. extended, 202. filter, 203. virus

204. b_g the question *v.* to ask for something urgently or earnestly; to appeal to someone to do something
205. co_____l rank *n.* a military rank above a lieutenant colonel and below a general
206. the pr_____nd depths of the sea *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
207. par_____ip across the Atlantic *n.* the state of a cooperative relationship between people or groups, especially in business
208. do_____al program *adj.* of or relating to doctorate (= the highest degree from a university) or the achievement of a doctorate
209. a remote re_____ve *adj.* considered and evaluated through comparison with something else
210. a w__t of summons *n.* a written legal order or command
211. a pr_____nd book *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
212. lo____e a tumor *v.* to specify or determine the exact position of someone or something
213. gra_____ld development *n.* a child of someone's son or daughter
214. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
215. his conclusion was ob_____s *adj.* easy to see, discover or understand

ANSWERS: 204. beg, 205. colonel, 206. profound, 207. partnership, 208. doctoral, 209. relative, 210. writ, 211. profound, 212. locate, 213. grandchild, 214. addition, 215. obvious

216. feline ret_____us *n.* a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)
217. cr___s management *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
218. pop_____on change *n.* the total number of people in a country, region, or location
219. ex_____ed payment *adj.* longer than usual or anticipated
220. the d_n of the university *n.* a Spanish gentleman; a university lecturer, especially a senior member of a college at Oxford or Cambridge
221. weak fou_____on *n.* the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes
222. play the a_e *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
223. pre_____on strategy *n.* the action, process, or strategy of stopping something undesirable or harmful from happening; the act of preventing, interfering, or hindering unwanted events or outcomes

ANSWERS: 216. retrovirus, 217. crisis, 218. population, 219. extended, 220. Don, 221. foundation, 222. ape, 223. prevention

224. la__l a bag with my name *n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
225. the Great Dep_____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
226. hazardous li___d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
227. establish a par_____ip *n.* the state of a cooperative relationship between people or groups, especially in business
228. a b__h of hair *n.* a plant growing thickly with many small branches and several stiff stems coming up from the root
229. art cr___c *n.* someone who expresses opinions about the quality of books, music, etc.
230. p__e a significant threat to my company *v.* to present a risk, problem, or other issues that must be addressed
231. re_____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
232. detect a vi__l code *adj.* relating to or caused by a virus
233. ind_____al freedom *n.* a single person or thing, as distinct from a group

ANSWERS: 224. label, 225. depression, 226. liquid, 227. partnership, 228. bush, 229. critic, 230. pose, 231. recognize, 232. viral, 233. individual

234. h__e a guide *v.* to give somebody a job
235. 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
236. aerobic or ____sm *n.* a tiny living thing
237. do ____al research *adj.* of or relating to doctorate (= the highest degree from a university) or the achievement of a doctorate
238. nev _____ess, she persevered *adv.* in spite of that; yet
239. the con _____ion law of physics *n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
240. industry-sp ____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
241. the root problem of her dep _____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
242. the qu__t for truth *n.* a long or challenging search for something
243. c__t a charming eye *v.* to cause light or shadow to appear on a surface; to assign or choose someone such as an actor or representative, especially by selection process

ANSWERS: 234. hire, 235. pyramid, 236. organism, 237. doctoral, 238. nevertheless, 239. conservation, 240. specific, 241. depression, 242. quest, 243. cast

244. hu____ty at large *n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
245. end_____ed ecosystem *adj.* at risk of extinction because it is facing significant threats
246. nontechnical as____ts of the job *n.* one part or feature of a situation, problem, subject, etc.
247. use one thing con_____sly *adv.* without being interrupted or paused; repeatedly
248. me____r for life *n.* a person who helps and advises a younger or less experienced person over time, usually at work or school
249. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
250. a foreign cor_____ent *n.* a person who writes news reports for publication or broadcast
251. in____t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
252. create a br__d logo *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
253. en____t for a soldier *v.* to sign up to serve in the military or a particular organization
254. in____t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
255. we are non_____ss confident *adv.* in spite of what has just been said or done; nevertheless

ANSWERS: 244. humanity, 245. endangered, 246. aspect, 247. continuously, 248. mentor, 249. capture, 250. correspondent, 251. infect, 252. brand, 253. enlist, 254. infect, 255. nonetheless

256. investigate sci_____lly *adv.* in a way that relates to science or is connected with science
257. ob_____ve assessment *n.* a goal, aim, or purpose that is intended or sought after; a goal that is based on facts, evidence, or unbiased reasoning rather than personal opinions, feelings, or beliefs; (adjective) of or relating something that is based on facts and not influenced by personal feelings or biases
258. as___ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
259. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
260. ne_____ss argument *adj.* describing something unnecessary, pointless, or superfluous and could be avoided without any harm or adverse consequences
261. ca_____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
262. tr_____rm heat into power *v.* to change in outward structure or looks;
263. ext_____ial intelligence *adj.* relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth
264. de_____r at the future *n.* the feeling that there is no hope and you cannot do anything to improve a difficult situation

ANSWERS: 256. scientifically, 257. objective, 258. aspect, 259. adapt, 260. needless, 261. capture, 262. transform, 263. extraterrestrial, 264. despair

265. 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
266. a strain of vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
267. a circular mo_____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
268. wi_____fe sanctuary *n.* animals, birds, insects, etc. that grow independently of people and live in natural conditions
269. nice fe___w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
270. fall into a sn__e *n.* a trap or device used to catch animals by means of a noose or wire loop; a type of drum consisting of a head stretched over a hollow shell, usually played with drumsticks
271. soil con_____ion *n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
272. racial or___n *n.* the first existence or beginning of something

ANSWERS: 265. bacteria, 266. virus, 267. movement, 268. wildlife, 269. fellow, 270. snare, 271. conservation, 272. origin

273. labor pop_____on *n.* the total number of people in a country, region, or location
274. antidiarrheal ag__t *n.* a person who represents and negotiates on behalf of someone else, such as a literary agent or talent agent; (of chemistry and medicine) a substance that brings about a chemical or physical effect; (of computer science) a piece of software that performs a task autonomously
275. less fo_____te person *adj.* having good luck or lucky
276. ne_____t to call *v.* to not give enough care or attention to something; to leave something undone
277. chi_____ee behavior *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
278. un___e design *adj.* being the only one of its kind; unlike anything else
279. as_____te with people widely *v.* to mentally connect someone or something with someone or something else
280. st__k from the room *v.* to follow or track someone or something closely and quietly, usually to cause harm or surveillance; to move slowly and quietly to avoid detection; (noun) the main stem of a plant that supports leaves, flowers, and fruit; the stem or main axis of a support structure or framework

ANSWERS: 273. population, 274. agent, 275. fortunate, 276. neglect, 277. chimpanzee, 278. unique, 279. associate, 280. stalk

281. private inv_____tor *n.* a person whose job is to conduct an investigation or inquiry into something, often to gather information or evidence
282. the br__d of the new car *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
283. in_____ce between gas and liquid *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
284. tr_____rm an education system *v.* to change in outward structure or looks;
285. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
286. col_____te on a press release *v.* to work with someone else to produce or achieve something
287. the user in_____ce *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
288. hu_____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
289. a ge_____us reward *adj.* willing to give and share something such as money, help, kindness, etc., especially more than is necessary or expected

ANSWERS: 281. investigator, 282. brand, 283. interface, 284. transform, 285. discovery, 286. collaborate, 287. interface, 288. humming, 289. generous

290. treat the in_____on with antibiotics *n.* a condition in which pathogenic microorganisms or viruses have entered the body
291. fight vi__l infections *adj.* relating to or caused by a virus
292. em___e as a butterfly *v.* to move out of or away from something and become visible
293. cha_____ng task *adj.* difficult, demanding, or requiring a high degree of skill or effort; presenting a difficult problem or obstacle
294. b_g for help *v.* to ask for something urgently or earnestly; to appeal to someone to do something
295. col_____te with the police *v.* to work with someone else to produce or achieve something
296. re_____ve factors *adj.* considered and evaluated through comparison with something else
297. abs_____ly against *adv.* without restriction or limitation; completely or utterly
298. mo_____r an exam *v.* to observe, check, and track the progress or quality of something over a period of time
299. my in_____te affairs *adj.* having a very close friendship, personal
300. in a_e of the situation *n.* a feeling of respect and wonder inspired by someone or something greatly admired
301. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
302. bird and other wi_____fe *n.* animals, birds, insects, etc. that grow independently of people and live in natural conditions

ANSWERS: 290. infection, 291. viral, 292. emerge, 293. challenging, 294. beg, 295. collaborate, 296. relative, 297. absolutely, 298. monitor, 299. intimate, 300. awe, 301. colleague, 302. wildlife

303. p__e a challenge

v. to present a risk, problem, or other issues that must be addressed

304. ne____ss waste

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

ANSWERS: 303. pose, 304. needless

Session 3: Fill in the Blanks

1. We had a _____ time yesterday.
adj. very great in degree or extent or amount or impact; extremely good
2. He _____ himself to studying the history of ancient civilizations.
v. to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
3. Scientists are constantly searching for signs of _____ life in the universe.
adj. relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth
4. The company will need to invest in fire _____ equipment to ensure the safety of its employees.
n. the action, process, or strategy of stopping something undesirable or harmful from happening; the act of preventing, interfering, or hindering unwanted events or outcomes
5. The grandparents take care of their _____ while the parents are at work.
n. a child of someone's son or daughter
6. 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
7. He has an _____ knowledge of American history.
adj. having a very close friendship, personal

ANSWERS: 1. tremendous, 2. devoted, 3. extraterrestrial, 4. prevention, 5. grandchild, 6. hunt, 7. intimate

8. The era of the industrial revolution was a crucial _____ of history.
n. any stage in a series of events, change, or development
9. The advanced math problem was _____ but the student was determined to solve it.
adj. difficult, demanding, or requiring a high degree of skill or effort; presenting a difficult problem or obstacle
10. _____ 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
11. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.
adj. answerable or accountable for something within one's power, control, or management
12. Animal protection groups call for an end to animal testing in a _____.
n. a workplace for doing scientific research or teaching science; a lab
13. A ____ audience viewed the broadcast.
adj. enormous in size, number, amount, or quantity
14. The biology teacher showed the students a frog _____ so they could examine its anatomy.
n. an individual example or sample of something, typically used to represent a larger group or category
15. He set up a trap to catch the _____.
n. a small, gnawing mammal, such as a mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail

ANSWERS: 8. phase, 9. challenging, 10. Bacteria, 11. responsible, 12. laboratory, 13. vast, 14. specimen, 15. rodent

16. My mother's illness had a _____ impact on us all.

adj. extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension

17. In just four years, the _____ has doubled.

n. the total number of people in a country, region, or location

18. The third _____ was far more successful.

n. an act or effort of trying to do something, especially something difficult

19. Education is the _____ of civilization.

n. the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

20. They fear a _____ of a new type of virus.

n. an outbreak of a disease that affects many people over a very wide area

21. _____ gas is used to inflate car tires because it does not react with rubber.

n. a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins

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

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

23. Many people worry that the current real estate market is a _____ that could burst soon.

n. a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses

ANSWERS: 16. profound, 17. population, 18. attempt, 19. transmission, 20. pandemic, 21. Nitrogen, 22. foundation, 23. bubble

24. That adventurer traveled in _____ of buried treasure.

n. a long or challenging search for something

25. We need to _____ our products in an attractive way to attract customers.

v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

26. The sponge takes up the _____ well.

n. a substance, such as water or oil that flows freely and is neither a solid nor a gas

27. A diversified plant species generally enhances beneficial _____ populations.

n. a tiny living thing

28. I can _____ my friend's computer to see if it's online.

v. to make a high-pitched, ringing sound; to send a brief electronic message or signal to another computer or device to check its availability or connection status

29. The chemicals _____ a massive health risk.

v. to present a risk, problem, or other issues that must be addressed

30. Frugality and industry are still _____ as virtues.

v. to think about or consider somebody or something in a specified way

31. The _____ makes use of the local dialect.

n. a person who tells a story, especially in a book or film

32. Many _____ areas are still impoverished.

adj. of or relating to the countryside

ANSWERS: 24. quest, 25. display, 26. liquid, 27. organism, 28. ping, 29. pose, 30. regarded, 31. narrator, 32. rural

33. The conservation area has an abundance of _____.
- n.* animals, birds, insects, etc. that grow independently of people and live in natural conditions
34. Detergent weakens the surface tension at the _____ of two liquids.
- n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
35. His _____ speech about his struggles with addiction brought tears to the audience's eyes.
- adj.* causing strong emotions or feelings, especially sadness or sympathy
36. She couldn't _____ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
37. The FBI _____ went undercover to infiltrate the criminal organization.
- n.* a person who represents and negotiates on behalf of someone else, such as a literary agent or talent agent; (of chemistry and medicine) a substance that brings about a chemical or physical effect; (of computer science) a piece of software that performs a task autonomously
38. Many bookshops no longer carry printed _____ but some libraries still hold onto their collections.
- n.* a comprehensive reference work containing articles on a wide range of subjects or numerous aspects of a particular field or discipline, usually arranged alphabetically or thematically
39. The hypothesis is not yet _____ proven.
- adv.* in a way that relates to science or is connected with science

ANSWERS: 33. wildlife, 34. interface, 35. moving, 36. decide, 37. agent, 38. encyclopedias, 39. scientifically

40. The findings of the experiment were both _____ and unexpected.
adj. causing a lot of interest or excitement
41. Where can I _____ the application form?
v. to get something, especially by making a great effort
42. As an _____ he had the right to make his own decisions and live his life as he saw fit.
n. a single person or thing, as distinct from a group
43. She _____ her parents to let her go to the concert.
v. to ask for something urgently or earnestly; to appeal to someone to do something
44. The _____ on the food package lists the ingredients and nutritional information.
n. a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
45. I am going to trim this _____ off.
n. a plant growing thickly with many small branches and several stiff stems coming up from the root
46. _____ robots that can cooperate with humans have limited motor output for safety.
adj. having the capacity for thought and reason, especially to a high degree
47. Due to hunger, the lives of the refugees were in _____.
n. serious and great danger or risk

ANSWERS: 40. exciting, 41. obtain, 42. individual, 43. begged, 44. label, 45. bush, 46. Intelligent, 47. peril

48. The _____ of Japan is known for its unique culture and advanced technology.
n. a large organized community of people living in a particular country or region and having a particular culture
49. She is pursuing a _____ degree in psychology to become a licensed therapist.
adj. of or relating to doctorate (= the highest degree from a university) or the achievement of a doctorate
50. She agreed to _____ with him in creating new artwork.
v. to work with someone else to produce or achieve something
51. They each choose _____ to battle.
adv. in spite of what has just been said or done; nevertheless
52. _____ symptoms might include a decrease in appetite and weight loss.
n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
53. The doctor diagnosed him with a rare _____ that had no known cure.
n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
54. Children often _____ parents with this head cold.
v. to affect a person, an animal, or a plant with a disease-causing organism
55. The government should do more to support environmentally _____ agriculture.
adj. able to continue or be continued for a long time

ANSWERS: 48. nation, 49. doctoral, 50. collaborate, 51. nonetheless, 52. Depression, 53. disease, 54. infect, 55. sustainable

56. Her response revealed _____ idiocy.

adj. unbelievable; enormous

57. The patient's condition improved after beginning a _____ treatment regimen.

n. a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)

58. Mercury is the closest _____ to the sun.

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

59. 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

60. The government is determined to _____ sharp inflation.

v. to try to deal with a complex problem or situation

61. The majority of consumers _____ this brand with quality.

v. to mentally connect someone or something with someone or something else

62. He could never go against what ____ Carlos said.

n. a Spanish gentleman; a university lecturer, especially a senior member of a college at Oxford or Cambridge

63. The military _____ between the two countries created tension in the international community.

n. the state of a cooperative relationship between people or groups, especially in business

ANSWERS: 56. incredible, 57. retrovirus-targeted, 58. planet, 59. capture, 60. tackle, 61. associate, 62. Don, 63. partnership

64. Some seaweed was used as _____ medicine in ancient times.

n. people in general, especially those of a particular group or type

65. I am _____ opposed to his idea because of morality.

adv. without restriction or limitation; completely or utterly

66. The _____ mountains dominate the landscape.

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

67. An infected person in the hospital will likely pass the _____ to others.

n. a tiny infectious organic material that causes disease in people, animals, and plants

68. His father's death changed his whole _____ on life.

n. a confident attitude toward something; a particular style of thinking about something

69. This teacher is _____ in his grading.

adj. willing to give and share something such as money, help, kindness, etc., especially more than is necessary or expected

70. The spread of the disease was due to its _____ nature, able to infect both humans and animals.

adj. relating to a zoonosis, which is a disease or infection that can be transmitted from animals to humans

71. During colonial eras, new migratory patterns _____.

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

ANSWERS: 64. folk, 65. absolutely, 66. awe-inspiring, 67. virus, 68. perspective, 69. generous, 70. zoonotic, 71. emerged

72. She was tired and hungry, but _____ she persevered.

adv. in spite of that; yet

73. This country _____ its weapons in the east region.

v. to move troops or weapons into a position or military action; to bring into something in an effective way

74. This device can more accurately detect _____ pathogens.

adj. relating to or caused by a virus

75. He is the kind of _____ who only works for his success.

adj. someone who has the same job or interests as you, or is in the same class, profession, or situation as you

76. There are various hypotheses concerning the _____ of life.

n. the first existence or beginning of something

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

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

78. Lack of sleep and overwork often lead to emotional _____.

n. the state of being unstable or uncertain and likely to change suddenly

79. _____ elections were held in several European countries.

adj. belonging to or used by a group rather than individuals; for common use

80. His professional experience includes all _____ of media production.

n. one part or feature of a situation, problem, subject, etc.

ANSWERS: 72. nevertheless, 73. deployed, 74. viral, 75. fellow, 76. origin, 77. basis, 78. instability, 79. Communal, 80. aspects

81. 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
82. Many studies have investigated the relationship between _____ and academic achievement.
- n.* the condition of being extremely poor
83. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
84. The robot can accurately _____ construction material.
- v.* to specify or determine the exact position of someone or something
85. The construction industry is labor _____ although it has been somewhat automated by introducing large machinery.
- adj.* involving a lot of work or activity in a short time
86. The forest was recently designated a _____ area.
- n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
87. There's a new _____ of hero in the movies now.
- n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

ANSWERS: 81. fungus, 82. poverty, 83. discovery, 84. locate, 85. intensive, 86. conservation, 87. brand

88. The _____ of the bees filled the air as she walked through the garden.

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

89. I decided to seek counseling on the advice of my _____.

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

90. The special _____ reported live from the front line of the conflict.

n. a person who writes news reports for publication or broadcast

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

adj. relating to or located in a town or city

92. In _____ private corporations provide healthcare services.

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

93. The witness's testimony was _____ based on what he had seen and heard.

adv. believed to be true or likely based on the available evidence, or supposed to be the case without definite proof

94. This _____ paperwork is wasting our time and resources.

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

95. Several cities are experiencing _____ high unemployment rates.

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

96. The majority of snakes swallow their _____ whole.

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

ANSWERS: 88. humming, 89. colleague, 90. correspondent, 91. urban, 92. addition, 93. presumably, 94. needless, 95. incredibly, 96. prey

97. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.
- n.* a workplace for the conduct of scientific research; a laboratory
98. Her company soon won a _____ market share.
- adj.* more important, influential, or easy to notice than anything else of the same type
99. They donated large sums of money for the development of _____.
- n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
100. Hospitals must meet various standards to prevent nosocomial _____.
- n.* a condition in which pathogenic microorganisms or viruses have entered the body
101. The Army _____ led the troops into battle.
- n.* a military rank above a lieutenant colonel and below a general
102. The _____ of the dancers on stage was graceful and elegant.
- n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
103. Dolphins use sound to _____ with each other.
- v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
104. There are _____ differences between the two wine-producing regions.
- adj.* easy to see, discover or understand

ANSWERS: 97. lab, 98. dominant, 99. humanity, 100. infections, 101. colonel, 102. movement, 103. communicate, 104. obvious

105. 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

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

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

107. The _____ course was challenging but fun.

- n.* a thing that blocks one's way or prevents or hinders progress

108. The scientist conducted a study that provided _____ details about the species' behavior.

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

109. The thief was caught in a _____ set by the police.

- n.* a trap or device used to catch animals by means of a noose or wire loop; a type of drum consisting of a head stretched over a hollow shell, usually played with drumsticks

110. The study's main _____ is to identify risk factors for heart disease.

- n.* a goal, aim, or purpose that is intended or sought after; a goal that is based on facts, evidence, or unbiased reasoning rather than personal opinions, feelings, or beliefs; (adjective) of or relating something that is based on facts and not influenced by personal feelings or biases

111. We should always be prepared to _____ talented recruits.

- v.* to give somebody a job

ANSWERS: 105. pyramids, 106. adapt, 107. obstacle, 108. specific, 109. snare, 110. objective, 111. hire

112. The scientist studied the behavior of _____ in the wild.

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

113. The global community is undergoing _____ changes at present.

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

114. The enemy fell right into the _____.

- n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

115. The hunter quietly _____ the deer for hours before taking the shot

- v.* to follow or track someone or something closely and quietly, usually to cause harm or surveillance; to move slowly and quietly to avoid detection; (noun) the main stem of a plant that supports leaves, flowers, and fruit; the stem or main axis of a support structure or framework

116. The leaves _____ in the wind, creating a peaceful sound in the forest.

- v.* to make a soft, crackling sound, like the sound caused by the movement of dry leaves or paper; to move quietly or furtively to avoid being heard or noticed

117. They used a special receiver to _____ police radio channels.

- v.* to observe, check, and track the progress or quality of something over a period of time

118. The airport is a _____ for tourists and travelers from around the world.

- n.* a place or area, typically a location or region, that is known for having an unusually high number of a particular phenomenon, such as disease, activity, or popularity

ANSWERS: 112. apes, 113. drastic, 114. trap, 115. stalked, 116. rustled, 117. monitor, 118. hotspot

119. The management must _____ strategies to increase office security.

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

120. Many zoos have _____ exhibits, allowing visitors to observe these intelligent primates up close.

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

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

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

122. As a _____ he helped me realize my career.

- n.* a person who helps and advises a younger or less experienced person over time, usually at work or school

123. mRNA vaccines are approved faster because they do not contain inactivated _____.

- n.* a bacterium, virus, or other microorganism that causes disease

124. The _____ has largely gotten positive feedback.

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

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

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

126. I am going to _____ some coffee this morning.

- v.* to make beer or tea by mixing a substance with hot water

ANSWERS: 119. explore, 120. chimpanzee, 121. relatives, 122. mentor, 123. pathogens, 124. novel, 125. critics, 126. brew

127. He was pretty _____ to pass the exam.

adj. having good luck or lucky

128. This container has a _____ of 10 cubic meters.

n. the amount of space occupied by an object or substance; the magnitude of sound

129. I will introduce you to how to _____ the leading causes of the malfunction.

v. to recognize someone or something and say or prove who or what they are

130. My father's death _____ my life completely.

v. to change in outward structure or looks;

131. He decided to _____ in the military after graduating from high school.

v. to sign up to serve in the military or a particular organization

132. That statement by the prime minister drew _____ international criticism.

adj. (especially of a feeling) very strong; extremely sharp or severe

133. He _____ his health to make the project a success.

v. to not give enough care or attention to something; to leave something undone

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

adj. no longer in existence

135. I included a _____ in my essay to provide additional information and sources for my argument.

n. a note of additional information provided at the bottom of a page in a book or document, often indicated by a superscript number or symbol in the main text

ANSWERS: 127. fortunate, 128. volume, 129. identify, 130. transformed, 131. enlist, 132. intense, 133. neglected, 134. extinct, 135. footnote

136. The _____ airport runways may accommodate larger jets.

adj. longer than usual or anticipated

137. The forensic _____ collected DNA samples from the crime scene to identify the perpetrator

n. a person whose job is to conduct an investigation or inquiry into something, often to gather information or evidence

138. This accident _____ a dark shadow over their lives.

v. to cause light or shadow to appear on a surface; to assign or choose someone such as an actor or representative, especially by selection process

139. He was served with a _____ of eviction, giving him the notice to vacate the property.

n. a written legal order or command

140. The Chinese word for _____ comprises two characters, one for danger and the other for opportunity.

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

141. The teacher's _____ to start a school garden project was met with enthusiasm from the students.

n. the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need

142. Their team specializes in demand _____ for our products.

n. a prediction or statement about how something, such as the weather, will develop or what will happen in the future; (verb) to predict the future in advance

ANSWERS: 136. extended, 137. investigator, 138. cast, 139. writ, 140. crisis, 141. initiative, 142. forecasts

143. His friend's death drove him to _____.

n. the feeling that there is no hope and you cannot do anything to improve a difficult situation

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

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

145. It seems _____ that he has forgotten our scheduled meeting.

adj. likely to happen or likely to be true

146. It's important to _____ your strengths and weaknesses.

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

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

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

148. Ozone is a primary _____ to protect Earth's surface from harmful UV rays.

n. any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

149. I forgot my ___ at home and needed it to enter the club.

n. a part of the psyche that represents the unconscious desires and instincts of an individual; in psychoanalytic theory, it is believed to be the most basic and primal part of the human psyche; (also ID, short for identification) a document or card that proves a person's identity, such as a driver's license, passport, or national ID card

150. Children in an unstructured environment often feel _____.

adj. not firm or firmly fixed; likely to fail or give way, or not assured of safety

ANSWERS: 143. despair, 144. endangered, 145. probable, 146. recognize, 147. unique, 148. filter, 149. ID, 150. insecure

151. The country's domestic coal consumption has been _____ declining for decades.

adv. without being interrupted or paused; repeatedly

152. He deals _____ with his employees.

adv. to a certain extent or degree; without favoring one party in an evenhanded manner

ANSWERS: 151. continuously, 152. fairly