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Vocabulary Builder Reference from...

Laura Boykin: How we're using DNA tech to help farmers fight crop diseases | TED Talk

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

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All Words

IMPORTANT

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Session 1: Word List

crazy

adj. stupid or not sensible; very angry

synonym: insane, absurd, bizarre

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

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

diverse

adj. including numerous categories of individuals or entities; various

synonym: manifold, various, myriad

(1) **diverse** backgrounds, (2) a person of **diverse** talents

New York is a city with a **diverse** ethnic population.

inclusive

adj. including much or everything, and especially including stated limits; not excluding any of the people, things, ideas, etc. involved in something

synonym: cover-all, all-embracing, comprehensive

(1) a fully **inclusive** price, (2) **inclusive** education

The university has established a capacity for each nationality as part of its **inclusive** policy.

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.

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**.

extreme

adj. very great in amount or degree

synonym : farthestmost, outermost, fierce

(1) **extreme** sports, (2) **extreme** weather events
Solar gravity creates **extreme** pressures and temperatures.

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.

computation

n. the act or process of calculating something, especially an answer or amount, by using a machine or calculator

synonym : calculation, estimation, arithmetic

(1) parallel **computation**, (2) theory of **computation**
The researcher demonstrated the superiority of quantum **computation** in several mathematical tasks.

biology

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

(1) evolutionary **biology**, (2) cell and molecular **biology**
In junior high school, we had to dissect a frog in **biology** class.

aid

n. things sent to help countries in need, notably food or money; support

synonym :

helper, resource, assistance

(1) financial **aid**, (2) country-by-country **aid** programs
Pakistan's **aid** budget was still being reviewed.

random

adj. made, done, or happening without method, conscious decision, or any regular pattern

synonym: incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**

To find drunk drivers, police conduct **random** tests.

wander

v. to walk around slowly or to a place, often without any clear purpose or direction

synonym: ramble, roam, stroll

(1) **wander** alone in a strange country, (2) **wander** far from home

I often **wander** around the park for half an hour.

dorm

n. a residence hall or building that provides living quarters for students or other occupants, typically on a college or university campus

synonym: residence hall, hostel, boarding house

(1) **dorm** room, (2) university **dorm**

Living in a **dorm** can be a great way to meet new people when you're in college.

advertise

v. to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it

synonym: publicize, announce, promote

(1) **advertise** the campaign, (2) **advertise** on social media

We want to **advertise** our company through your media.

herbarium

n. a collection of preserved plant specimens, typically identified and arranged in a systematic manner for scientific study and reference

synonym: plant collection, botanical garden

(1) digital **herbarium** database, (2) **herbarium** specimens
The botanist added the new fern specimen to the **herbarium** collection.

flexible

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

synonym: adaptable, elastic, pliable

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

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

schedule

n. a list of planned activities, tasks, or things that must be completed showing when they are intended to happen or be done

synonym: agenda, program, itinerary

(1) a heavy **schedule**, (2) arrange my **schedule**

So far, the meeting is going according to **schedule**.

glue

n. a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials

synonym: adhesive, paste, gum

(1) **glue** stick, (2) epoxy **glue**

The carpenter applied **glue** to the cabinet joints before nailing them together.

glamorous

adj. highly attractive and exciting, and different from ordinary things or people

synonym: alluring, bewitching, enchanting

(1) **glamorous** movie stars, (2) cast **glamorous** eyes

The south coast is less **glamorous** yet has many clean and appealing hotels.

genome

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

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

The human **genome** contains approximately three billion

chemical base pairs.

compute

v. to make a mathematical calculation

synonym: calculate

(1) **compute** an average score, (2) **compute** the value
I tried to **compute** the efficiency of the investment.

combine

v. to join or merge to form a single thing or group

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,
(2) **combine** augmented reality
Hydrogen and oxygen **combine** to form water.

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.

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**.

theoretical

adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience

synonym: conceptual, conjectural, ideal

(1) **theoretical** models, (2) **theoretical** physicist

Absolute zero is the lowest **theoretical** temperature.

physics

n. the science of matter and energy and their interactions

(1) nuclear **physics**, (2) laws of **physics**
He studied the **physics** of radiation.

encounter

v. to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

synonym: meet, run into, come across

(1) **encounter** a crisis, (2) **encounter** a storm

I'm prepared to **encounter** challenges throughout this adventure.

supercomputer

n. a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing

synonym: high-performance computer, mainframe, giant computer

(1) **supercomputer** performance, (2) **supercomputer** technology

China has developed one of the world's fastest **supercomputers** for its space program.

steroid

n. any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs

(1) **steroid** abuse, (2) a **steroid** hormone

Some **steroids** are banned for use by athletes because of their muscle-building effects.

uncover

v. to remove the cover from something; to discover something previously unseen or hidden

synonym: disclose, reveal, unveil

(1) **uncover** a potential problem, (2) **uncover** the truth

He continued his investigation and soon **uncovered** another crime.

complexity

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

synonym : intricacy, sophistication, elaboration

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

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

influenza

n. (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

synonym : grippe, flu

(1) an epidemic outbreak of **influenza**, (2) **influenza B** strain

The research institute allocated a lot of money to study the cause and prevention of **influenza**.

hepatitis

n. a medical condition in which the liver becomes inflamed, often as a result of infection by a virus

synonym : liver inflammation, liver disease, jaundice

(1) chronic **hepatitis**, (2) viral **hepatitis**

The patient was diagnosed with **hepatitis C** and will need treatment to clear the virus from her body.

technological

adj. based on scientific and industrial progress

synonym : specialized, technical

(1) **technological** advancement, (2) **technological** policy

Technological advances have disrupted many industries.

surround

v. to be all around something or somebody

synonym : encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace

On three sides, mountains **surround** the settlement.

equip

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

synonym : prepare, furnish, provide

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

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

plight

n. a difficult or unfortunate situation

synonym: crisis, predicament, trouble

(1) miserable **plight**, (2) the **plight** of the poor

The government has ignored the **plight** of the homeless population.

cassava

n. a starchy, tuberous root plant that is native to South America and is grown in many tropical and subtropical regions around the world

synonym: manioc, yuca

(1) **cassava** flour, (2) **cassava** starch

Cassava leaves are also eaten as a vegetable in some parts of the world.

rely

v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

synonym: depend, count, lean

(1) **rely** on convenience stores, (2) **rely** entirely on him

Babies heavily **rely** on others for food.

calorie

n. unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce

(1) **calorie** calculation, (2) reduce my **calorie** intake

It would be best if you burned off **calories** through vigorous exercise.

fee

n. a sum of money charged for a particular service

synonym: charge, cost, expense

(1) **fee** calculation, (2) service **fee**

The lawyer's **fee** for the case was \$10,000.

medical

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

synonym: health, disease, treatment

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

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

expense

n. the money, time, or effort incurred or required for something

synonym: cost, expenditure, outlay

(1) enormous **expenses**, (2) **expense** account

For this project to be successful, we must control **expenses** strictly.

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.

devastating

adj. causing a great deal of destruction or damage

synonym: destructive, annihilative, disastrous

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

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

whitefly

n. a tiny insect with white wings that feed on plants, often causing damage to crops

synonym: fly, insect

(1) spread of **whitefly**, (2) **whitefly** control

Whitefly infestations can cause significant damage to crops.

insect

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

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

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

pesticide

n. a substance used for preventing, destroying, repelling, or mitigating any pest

synonym : insecticide, herbicide, fungicide

(1) **pesticide** application, (2) **pesticide** residue

The farmer sprayed **pesticide** on his crops to protect them from insects.

resistant

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

synonym : unsusceptible, immune, invulnerable

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

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

transmit

v. to send or forward an electronic signal; to pass something from one person or thing to another

synonym : convey, share, dispatch

(1) **transmit** the disease, (2) **transmit** information

Parents often **transmit** their characteristics to their children.

streak

n. a long, narrow mark or band, typically one of a different color or texture from the surrounding surface; a brief period or run of success, luck, or behavior; a consistent pattern of behavior or a distinguishing characteristic of an individual

synonym : strip, band, dash

(1) **streak** of luck, (2) gold **streak**

He had a **streak** of stubbornness that made him difficult to work with.

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.

mosaic

n. a pattern or image made of small regular or irregular pieces of colored stone, glass, or ceramic, or the activity or method of making these

synonym : collage, patchwork

(1) a **mosaic** pavement, (2) a **mosaic** of fields and forest areas

The city's **mosaic** culture results in great diversity in the arts.

amazing

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

synonym : exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

rough

adj. not quite exact or correct; having or caused by an irregular surface

synonym : inelegant, coarse, barbarian

(1) **rough** and tough, (2) **rough** estimation

The vehicle bounced along the **rough** mountain road.

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.

pest

n. a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome

synonym : nuisance, problem, annoyance

(1) **pest** control, (2) a **pest** of bean plants

The gardener used natural methods to keep **pests** away from her plants.

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**.

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.

shocking

adj. extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust

synonym: startling, surprising, astounding

(1) **shocking** response, (2) **shocking** revelation

The news of the accident was **shocking** and left many in shock.

destroy

v. to ruin or damage severely or completely; to eradicate or eliminate completely

synonym: demolish, ruin, obliterate

(1) **destroy** the ecosystem, (2) **destroyed** evidence

The building was **destroyed** in the fire and had to be rebuilt.

protein

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

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

starch

n. a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals

synonym: carbohydrate, glucose, dextrin

(1) **starch** granules, (2) potato **starch**

When heated, **starch** molecules absorb water and become thick and gooey, making it a useful thickening agent in cooking.

suffer

v. to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant

synonym: endure, undergo, tolerate

(1) **suffer** a setback, (2) **suffer** bad grades

The older man **suffers** from arthritis and finds it difficult to move around.

distribute

v. to give something to a large number of individuals, or to spread or furnish something

synonym: broadcast, disperse, hand out

(1) **distribute** wealth evenly, (2) **distribute** video content

His estate was **distributed** to his sons.

globe

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

synonym: Earth, world, sphere

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

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

specifically

adv. only associated with or meant for one thing

synonym: especially, particularly, notably

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

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

sub-Saharan

adj. of or relating to or situated in the area south of the Sahara Desert

(1) **sub-Saharan** Africa, (2) **sub-Saharan** countries

The coffee producers in **sub-Saharan** countries are at the sharp end of fluctuations in price.

upward

adv. toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place

synonym : skyward, uphill

(1) look **upward**, (2) demonstrate an **upward** trend

The company adjusted the revenue **upward**.

constant

adj. happening repeatedly or all the time

synonym : ceaseless, stable, unchanging

(1) a **constant** wind, (2) a **constant** temperature

Constant dropping wears away the stone.

continent

n. one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

synonym : landmass, (adjective) chaste, (adjective) pure

(1) the inland of a **continent**, (2) **continent** urinary diversion

Flight across the **continent** was a daring adventure in its day.

oversea

adj. situated or operating beyond national boundaries; in, from, or to foreign countries

synonym : foreign, abroad, international

(1) **oversea** shipments, (2) for **oversea** use

The company enhanced **oversea** operations to tap into new markets.

degrade

v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

synonym : demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

crop

n. a plant that is cultivated in large amounts, particularly for food

synonym : output, produce, product

(1) **crop** field, (2) **crop** herbicide

Sow early for an early **crop**.

handheld

adj. designed to be held in one hand; portable, and compact enough to be carried or used on the go

synonym : portable, mobile, compact

(1) **handheld** device, (2) **handheld** camera

The technician used a **handheld** tool to fix the machine.

sequence

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

synonym : arrangement, succession, series

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

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

minion

n. a servant or loyal supporter of a powerful person or organization

synonym : lackey, servant, subordinate

(1) a **minion** of the minister, (2) work as a **minion**

The boss treated his employees like **minions**, demanding obedience and respect.

doubt

n. a feeling of being uncertain about something, especially about how good or accurate it is

synonym : distrust, suspect, mistrust

(1) dispel **doubts**, (2) no **doubt** about the news

Doubt is the start, not the end, of intelligence.

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.

bet v. to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
synonym: stake, wager, gamble
(1) **bet** on a race, (2) **bet** my future
I **bet** that you know it.

champagne n. a type of sparkling wine produced in the Champagne region of France, or any similar wine produced elsewhere
synonym: sparkling wine, prosecco, cava
(1) **champagne** toast, (2) **champagne** celebration
They opened a bottle of **champagne** to celebrate their success.

molecular adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
synonym: microscopic, atomic
(1) **molecular** structure, (2) **molecular** biology
Molecular weight is the sum of all the atoms.

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.

requirement n. something that is needed or wanted
synonym: prerequisite, provision, condition
(1) meet **requirement**, (2) school **requirement**
What is the entry **requirement** for this course?

diagnose

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

synonym: identify, analyze, interpret

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

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

extract

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

synonym: excerpt, quote, distillation

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

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

damn

v. to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger

synonym: curse, condemn, denounce

(1) **damn** the consequences, (2) **damn** with faint praise

The company's poor financial performance is likely to **damn** the CEO's chances of being re-elected to the board.

fraction

n. a small part or item forming a piece of a whole; the quotient of two rational numbers

synonym: piece, part, fragment

(1) a **fractional** share of the vote, (2) a numerator in a **fraction**

He spent only a **fraction** of his earnings.

motorcycle

n. a two-wheeled vehicle that is driven by an engine and has no pedals

synonym: bike, motor

(1) **motorcycle** gangster, (2) electric **motorcycle**

He had his **motorcycle** license revoked for drunken driving.

battery

n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

synonym : electric cell, array, batch

(1) a dry **battery**, (2) **battery** charging

The engine did not start because the **battery** was flat.

eliminate

v. to remove or get rid of someone or something

synonym : wipe out, destroy, eradicate

(1) **eliminate** contestants, (2) **eliminate** sexual barriers

We can **eliminate** this possibility from those consumptions.

analyze

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

synonym : explore, examine, investigate

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

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

handy

adj. valuable and convenient; easy or ready to reach or use

synonym : clever, accessible, available

(1) a **handy-sized** bag, (2) **handy** tool

They found a **handy** place to play catch.

database

n. a large amount of data stored in a computer system in such a way that it can be searched and updated easily

(1) **database** administrator, (2) employee **database**

Each country's officials can access the central **database**.

moth

n. an insect with wings similar to a butterfly that travels at night and is attracted to light

(1) **moth** larva, (2) **moth** attracted to the light

The **moth** is a serious threat to the farm's output.

hectare

n. a unit of area equal to 10,000 square meters

(1) **hectare** land, (2) housing per **hectare**

The farm spans over 100 **hectares** of land.

engrave

v. to carve, cut, or etch a design, message, or image onto a surface, often using a sharp tool or laser; to permanently record or mark something in a lasting manner

synonym: carve, inscribe, etch

(1) **engrave** initials, (2) **engrave** metal

He wanted to **engrave** his wedding ring with their initials as a lasting symbol of their love.

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.

blanket

n. a large piece of soft material used to cover or wrap a person or thing to keep them warm; (adjective) broad in scope or content

synonym: cover, coverlet, bedspread

(1) **blanket** authority, (2) **blanket** scarf

The electric **blanket** keeps me warm on cold nights.

gadget

n. a small tool or device that is useful for a particular job

synonym: appliance, gimmick, device

(1) a handy **gadget**, (2) time-saving **gadget**

I found the kitchen **gadget** that will serve as a bottle opener in the store.

diversity

n. the quality or fact of many different types of things or people being included in something; a range of different things or people

synonym: variety, multiplicity, variousness

(1) the **diversity** policy of the university, (2) lingual **diversity**

He was impressed by the range and **diversity** of the

collection.

Session 2: Spelling

1. m__h attracted to the light
n. an insect with wings similar to a butterfly that travels at night and is attracted to light
2. el_____te sexual barriers
v. to remove or get rid of someone or something
3. ro__h estimation
adj. not quite exact or correct; having or caused by an irregular surface
4. in___t biology
n. any small creature that has six legs and a body divided into three sections
5. he_____um specimens
n. a collection of preserved plant specimens, typically identified and arranged in a systematic manner for scientific study and reference
6. a strain of vi__s
n. a tiny infectious organic material that causes disease in people, animals, and plants
7. st___h granules
n. a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals
8. a heavy sc_____le
n. a list of planned activities, tasks, or things that must be completed showing when they are intended to happen or be done
9. st_____d abuse
n. any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs

ANSWERS: 1. moth, 2. eliminate, 3. rough, 4. insect, 5. herbarium, 6. virus, 7. starch, 8. schedule, 9. steroid

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|----------------------------------|--|
| 10. electric mot_____le | <i>n.</i> a two-wheeled vehicle that is driven by an engine and has no pedals |
| 11. look up____d | <i>adv.</i> toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place |
| 12. d__n the consequences | <i>v.</i> to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger |
| 13. co_____e an average score | <i>v.</i> to make a mathematical calculation |
| 14. sh_____ng response | <i>adj.</i> extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust |
| 15. r__y on convenience stores | <i>v.</i> to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed. |
| 16. work as a mi____n | <i>n.</i> a servant or loyal supporter of a powerful person or organization |
| 17. da_____se administrator | <i>n.</i> a large amount of data stored in a computer system in such a way that it can be searched and updated easily |
| 18. co_____e the value | <i>v.</i> to make a mathematical calculation |
| 19. un_____r a potential problem | <i>v.</i> to remove the cover from something; to discover something previously unseen or hidden |
| 20. na____n-state | <i>n.</i> a large organized community of people living in a particular country or region and having a particular culture |

ANSWERS: 10. motorcycle, 11. upward, 12. damn, 13. compute, 14. shocking, 15. rely, 16. minion, 17. database, 18. compute, 19. uncover, 20. nation

21. financial cr___s *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
22. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
23. a st_____d hormone *n.* any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs
24. cr__y about cars and racing *adj.* stupid or not sensible; very angry
25. financial a_d *n.* things sent to help countries in need, notably food or money; support
26. enormous ex_____es *n.* the money, time, or effort incurred or required for something
27. a fr_____onal share of the vote *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
28. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
29. dis_____te video content *v.* to give something to a large number of individuals, or to spread or furnish something
30. in_____ve education *adj.* including much or everything, and especially including stated limits; not excluding any of the people, things, ideas, etc. involved in something

ANSWERS: 21. crisis, 22. sequence, 23. steroid, 24. crazy, 25. aid, 26. expense, 27. fraction, 28. decide, 29. distribute, 30. inclusive

31. col_____te on a press release *v.* to work with someone else to produce or achieve something
32. po_____y alleviation *n.* the condition of being extremely poor
33. a cr__y scheme *adj.* stupid or not sensible; very angry
34. terrestrial gl__e *n.* the earth or world, mainly used to emphasize its vastness
35. tr_____it information *v.* to send or forward an electronic signal; to pass something from one person or thing to another
36. ge_____e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
37. ad_____se the campaign *v.* to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it
38. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
39. university d__m *n.* a residence hall or building that provides living quarters for students or other occupants, typically on a college or university campus
40. 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
41. de_____e environmental quality *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

ANSWERS: 31. collaborate, 32. poverty, 33. crazy, 34. globe, 35. transmit, 36. genome, 37. advertise, 38. complexity, 39. dorm, 40. disease, 41. degrade

42. ad_____se on social media *v.* to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it
43. b_t my future *v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
44. housing per he_____e *n.* a unit of area equal to 10,000 square meters
45. around the gl__e *n.* the earth or world, mainly used to emphasize its vastness
46. an epidemic outbreak of in_____za *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
47. a ha__y-sized bag *adj.* valuable and convenient; easy or ready to reach or use
48. ex_____e weather events *adj.* very great in amount or degree
49. ha__y tool *adj.* valuable and convenient; easy or ready to reach or use
50. su___r a setback *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
51. digital he_____um database *n.* a collection of preserved plant specimens, typically identified and arranged in a systematic manner for scientific study and reference
52. tr_____it the disease *v.* to send or forward an electronic signal; to pass something from one person or thing to another

ANSWERS: 42. advertise, 43. bet, 44. hectare, 45. globe, 46. influenza, 47. handy, 48. extreme, 49. handy, 50. suffer, 51. herbarium, 52. transmit

53. a mo___c pavement *n.* a pattern or image made of small regular or irregular pieces of colored stone, glass, or ceramic, or the activity or method of making these
54. tec_____cal policy *adj.* based on scientific and industrial progress
55. eq__p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
56. en_____er a crisis *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
57. tec_____cal advancement *adj.* based on scientific and industrial progress
58. dispel do__ts *n.* a feeling of being uncertain about something, especially about how good or accurate it is
59. di_____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
60. nuclear ph_____s *n.* the science of matter and energy and their interactions
61. no do__t about the news *n.* a feeling of being uncertain about something, especially about how good or accurate it is
62. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
63. a mo___c of fields and forest areas *n.* a pattern or image made of small regular or irregular pieces of colored stone, glass, or ceramic, or the activity or method of making these

ANSWERS: 53. mosaic, 54. technological, 55. equip, 56. encounter, 57. technological, 58. doubt, 59. diagnose, 60. physics, 61. doubt, 62. complexity, 63. mosaic

64. the_____al physicist *adj.* relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
65. in____t antenna *n.* any small creature that has six legs and a body divided into three sections
66. co_____e augmented reality *v.* to join or merge to form a single thing or group
67. ha_____ld camera *adj.* designed to be held in one hand; portable, and compact enough to be carried or used on the go
68. in_____re attachment *adj.* not firm or firmly fixed; likely to fail or give way, or not assured of safety
69. the pl____t of the poor *n.* a difficult or unfortunate situation
70. spread of the vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
71. ex_____e account *n.* the money, time, or effort incurred or required for something
72. dis_____te wealth evenly *v.* to give something to a large number of individuals, or to spread or furnish something
73. viral he_____is *n.* a medical condition in which the liver becomes inflamed, often as a result of infection by a virus
74. employee da_____se *n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily

ANSWERS: 64. theoretical, 65. insect, 66. combine, 67. handheld, 68. insecure, 69. plight, 70. virus, 71. expense, 72. distribute, 73. hepatitis, 74. database

75. reduce my ca_____e intake *n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
76. sup_____ter technology *n.* a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing
77. a reckless at_____t *n.* an act or effort of trying to do something, especially something difficult
78. an in_____re future *adj.* not firm or firmly fixed; likely to fail or give way, or not assured of safety
79. lingual di_____ty *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
80. pe_____de residue *n.* a substance used for preventing, destroying, repelling, or mitigating any pest
81. a fl_____le wire *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
82. miserable pl_____t *n.* a difficult or unfortunate situation
83. sequencing of the human ge_____e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things

ANSWERS: 75. calorie, 76. supercomputer, 77. attempt, 78. insecure, 79. diversity, 80. pesticide, 81. flexible, 82. plight, 83. genome

84. a fully in_____ve price *adj.* including much or everything, and especially including stated limits; not excluding any of the people, things, ideas, etc. involved in something
85. ha_____ld device *adj.* designed to be held in one hand; portable, and compact enough to be carried or used on the go
86. de_____yed evidence *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
87. stress pr_____n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
88. p__t control *n.* a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
89. a ra____m choice *adj.* made, done, or happening without method, conscious decision, or any regular pattern
90. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
91. d__m room *n.* a residence hall or building that provides living quarters for students or other occupants, typically on a college or university campus
92. eq__p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity

ANSWERS: 84. inclusive, 85. handheld, 86. destroy, 87. protein, 88. pest, 89. random, 90. biology, 91. dorm, 92. equip

93. d__n with faint praise *v.* to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger
94. en____e metal *v.* to carve, cut, or etch a design, message, or image onto a surface, often using a sharp tool or laser; to permanently record or mark something in a lasting manner
95. theory of com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
96. school req_____nt *n.* something that is needed or wanted
97. have dev_____ng effects *adj.* causing a great deal of destruction or damage
98. 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
99. c__p field *n.* a plant that is cultivated in large amounts, particularly for food
100. f_e calculation *n.* a sum of money charged for a particular service
101. wa___r far from home *v.* to walk around slowly or to a place, often without any clear purpose or direction
102. parallel com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator

ANSWERS: 93. damn, 94. engrave, 95. computation, 96. requirement, 97. devastating, 98. disease, 99. crop, 100. fee, 101. wander, 102. computation

103. co_____al combination of funds	<i>adj.</i> belonging to or used by a group rather than individuals; for common use
104. country-by-country a_d programs	<i>n.</i> things sent to help countries in need, notably food or money; support
105. su____r bad grades	<i>v.</i> to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
106. designed spe_____lly for men	<i>adv.</i> only associated with or meant for one thing
107. fl_____le schedules	<i>adj.</i> able to change or be changed to suit new conditions or situations; able to bend easily
108. en_____er a storm	<i>v.</i> to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
109. mot_____le gangster	<i>n.</i> a two-wheeled vehicle that is driven by an engine and has no pedals
110. the cycle of po_____y	<i>n.</i> the condition of being extremely poor
111. co_____nt urinary diversion	<i>n.</i> one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
112. plant pa_____en	<i>n.</i> a bacterium, virus, or other microorganism that causes disease
113. in_____za B strain	<i>n.</i> (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

ANSWERS: 103. communal, 104. aid, 105. suffer, 106. specifically, 107. flexible, 108. encounter, 109. motorcycle, 110. poverty, 111. continent, 112. pathogen, 113. influenza

114. a me____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
115. bombs fell at ra____m *adj.* made, done, or happening without method, conscious decision, or any regular pattern
116. arrange my sc____le *n.* a list of planned activities, tasks, or things that must be completed showing when they are intended to happen or be done
117. 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
118. ca____e calculation *n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
119. time-saving ga____t *n.* a small tool or device that is useful for a particular job
120. 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
121. di____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
122. a co____nt temperature *adj.* happening repeatedly or all the time

ANSWERS: 114. medical, 115. random, 116. schedule, 117. planet, 118. calorie, 119. gadget, 120. decide, 121. diagnose, 122. constant

123. ba____y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
124. penicillin-re_____nt bacteria *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
125. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
126. ch_____ne celebration *n.* a type of sparkling wine produced in the Champagne region of France, or any similar wine produced elsewhere
127. a co_____nt wind *adj.* happening repeatedly or all the time
128. service f_e *n.* a sum of money charged for a particular service
129. ch_____ne toast *n.* a type of sparkling wine produced in the Champagne region of France, or any similar wine produced elsewhere
130. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
131. r__y entirely on him *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
132. a mi___n of the minister *n.* a servant or loyal supporter of a powerful person or organization
133. for spe_____lly American customers *adv.* only associated with or meant for one thing

ANSWERS: 123. battery, 124. resistant, 125. sequence, 126. champagne, 127. constant, 128. fee, 129. champagne, 130. analyze, 131. rely, 132. minion, 133. specifically

134. wh____ly control *n.* a tiny insect with white wings that feed on plants, often causing damage to crops
135. sub_____an Africa *adj.* of or relating to or situated in the area south of the Sahara Desert
136. di_____e backgrounds *adj.* including numerous categories of individuals or entities; various
137. g__e stick *n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials
138. a person of di_____e talents *adj.* including numerous categories of individuals or entities; various
139. chronic he_____is *n.* a medical condition in which the liver becomes inflamed, often as a result of infection by a virus
140. ex_____e sports *adj.* very great in amount or degree
141. pe_____de application *n.* a substance used for preventing, destroying, repelling, or mitigating any pest
142. demonstrate an up____d trend *adv.* toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place
143. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
144. gold st____k *n.* a long, narrow mark or band, typically one of a different color or texture from the surrounding surface; a brief period or run of success, luck, or behavior; a consistent pattern of behavior or a distinguishing characteristic of an individual

ANSWERS: 134. whitefly, 135. sub-Saharan, 136. diverse, 137. glue, 138. diverse, 139. hepatitis, 140. extreme, 141. pesticide, 142. upward, 143. planet, 144. streak

145. the inland of a co_____nt *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
146. treat this dev_____ng disease *adj.* causing a great deal of destruction or damage
147. meet req_____nt *n.* something that is needed or wanted
148. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
149. a numerator in a fr_____on *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
150. a brief ex_____t from the book *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
151. c__p herbicide *n.* a plant that is cultivated in large amounts, particularly for food
152. bl_____t scarf *n.* a large piece of soft material used to cover or wrap a person or thing to keep them warm; (adjective) broad in scope or content
153. wa____r alone in a strange country *v.* to walk around slowly or to a place, often without any clear purpose or direction
154. sh_____ng revelation *adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust

ANSWERS: 145. continent, 146. devastating, 147. requirement, 148. medical, 149. fraction, 150. extract, 151. crop, 152. blanket, 153. wander, 154. shocking

155. ca____a flour *n.* a starchy, tuberous root plant that is native to South America and is grown in many tropical and subtropical regions around the world
156. un____r the truth *v.* to remove the cover from something; to discover something previously unseen or hidden
157. col____te with the police *v.* to work with someone else to produce or achieve something
158. ca____a starch *n.* a starchy, tuberous root plant that is native to South America and is grown in many tropical and subtropical regions around the world
159. b_t on a race *v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
160. co____e chemically with another substance *v.* to join or merge to form a single thing or group
161. a dry ba____y *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
162. sup____ter performance *n.* a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing
163. cast gl____us eyes *adj.* highly attractive and exciting, and different from ordinary things or people

ANSWERS: 155. cassava, 156. uncover, 157. collaborate, 158. cassava, 159. bet, 160. combine, 161. battery, 162. supercomputer, 163. glamorous

164. de_____e his public image *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
165. he_____e land *n.* a unit of area equal to 10,000 square meters
166. epoxy g__e *n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials
167. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
168. bl_____t authority *n.* a large piece of soft material used to cover or wrap a person or thing to keep them warm; (adjective) broad in scope or content
169. cr_____s management *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
170. de_____y the ecosystem *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
171. a stone wall su_____nds the palace *v.* to be all around something or somebody
172. mo_____ar biology *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

ANSWERS: 164. degrade, 165. hectare, 166. glue, 167. amazing, 168. blanket, 169. crisis, 170. destroy, 171. surround, 172. molecular

173. st___k of luck *n.* a long, narrow mark or band, typically one of a different color or texture from the surrounding surface; a brief period or run of success, luck, or behavior; a consistent pattern of behavior or a distinguishing characteristic of an individual
174. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
175. for ov_____a use *adj.* situated or operating beyond national boundaries; in, from, or to foreign countries
176. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
177. a seafaring na___n *n.* a large organized community of people living in a particular country or region and having a particular culture
178. a p__t of bean plants *n.* a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
179. the_____al models *adj.* relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
180. su_____nd a town *v.* to be all around something or somebody
181. botanical ex_____t *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

ANSWERS: 173. streak, 174. lab, 175. oversea, 176. amazing, 177. nation, 178. pest, 179. theoretical, 180. surround, 181. extract

182. re_____nt to persuasion *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
183. potato st___h *n.* a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals
184. el_____te contestants *v.* to remove or get rid of someone or something
185. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
186. mo_____ar structure *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
187. pr_____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
188. laws of ph_____s *n.* the science of matter and energy and their interactions
189. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
190. ro__h and tough *adj.* not quite exact or correct; having or caused by an irregular surface
191. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
192. a handy ga___t *n.* a small tool or device that is useful for a particular job

ANSWERS: 182. resistant, 183. starch, 184. eliminate, 185. lab, 186. molecular, 187. protein, 188. physics, 189. analyze, 190. rough, 191. biology, 192. gadget

193. ov_____a shipments *adj.* situated or operating beyond national boundaries; in, from, or to foreign countries
194. m__h larva *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
195. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
196. gl_____us movie stars *adj.* highly attractive and exciting, and different from ordinary things or people
197. en_____e initials *v.* to carve, cut, or etch a design, message, or image onto a surface, often using a sharp tool or laser; to permanently record or mark something in a lasting manner
198. sub_____an countries *adj.* of or relating to or situated in the area south of the Sahara Desert
199. the pa_____en in the air *n.* a bacterium, virus, or other microorganism that causes disease
200. spread of wh_____ly *n.* a tiny insect with white wings that feed on plants, often causing damage to crops
201. the at_____t to rescue the hostages *n.* an act or effort of trying to do something, especially something difficult
202. the di_____ty policy of the university *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people

ANSWERS: 193. oversea, 194. moth, 195. communal, 196. glamorous, 197. engrave, 198. sub-Saharan, 199. pathogen, 200. whitefly, 201. attempt, 202. diversity

ANSWERS:

Session 3: Fill in the Blanks

1. The rain and thunder are _____ today.
adj. stupid or not sensible; very angry
2. Anesthetize the gum before _____ the teeth.
n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
3. The farm spans over 100 _____ of land.
n. a unit of area equal to 10,000 square meters
4. The company enhanced _____ operations to tap into new markets.
adj. situated or operating beyond national boundaries; in, from, or to foreign countries
5. The university has established a capacity for each nationality as part of its _____ policy.
adj. including much or everything, and especially including stated limits; not excluding any of the people, things, ideas, etc. involved in something
6. Babies heavily _____ on others for food.
v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
7. Some _____ are banned for use by athletes because of their muscle-building effects.
n. any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs

ANSWERS: 1. crazy, 2. extracting, 3. hectares, 4. oversea, 5. inclusive, 6. rely, 7. steroids

8. The boss treated his employees like _____ demanding obedience and respect.

n. a servant or loyal supporter of a powerful person or organization

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

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

10. The news of the accident was _____ and left many in shock.

adj. extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust

11. The _____ team worked quickly to save the patient's life.

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

12. _____ dropping wears away the stone.

adj. happening repeatedly or all the time

13. _____ leaves are also eaten as a vegetable in some parts of the world.

n. a starchy, tuberous root plant that is native to South America and is grown in many tropical and subtropical regions around the world

14. I'm prepared to _____ challenges throughout this adventure.

v. to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

15. The technician used a _____ tool to fix the machine.

adj. designed to be held in one hand; portable, and compact enough to be carried or used on the go

ANSWERS: 8. minions, 9. globe, 10. shocking, 11. medical, 12. Constant, 13. Cassava, 14. encounter, 15. handheld

16. We do move forward with those tasks in _____ next week.

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

17. _____ is the start, not the end, of intelligence.

n. a feeling of being uncertain about something, especially about how good or accurate it is

18. _____ advances have disrupted many industries.

adj. based on scientific and industrial progress

19. Flight across the _____ was a daring adventure in its day.

n. one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

20. The vehicle bounced along the _____ mountain road.

adj. not quite exact or correct; having or caused by an irregular surface

21. The construction company _____ the building with an earthquake-resistant device.

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

22. He studied the _____ of radiation.

n. the science of matter and energy and their interactions

23. The third _____ was far more successful.

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

24. They found a _____ place to play catch.

adj. valuable and convenient; easy or ready to reach or use

ANSWERS: 16. sequence, 17. Doubt, 18. Technological, 19. continent, 20. rough, 21. equipped, 22. physics, 23. attempt, 24. handy

25. 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
26. The engine did not start because the _____ was flat.
- n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
27. The city's _____ culture results in great diversity in the arts.
- n.* a pattern or image made of small regular or irregular pieces of colored stone, glass, or ceramic, or the activity or method of making these
28. He had his _____ license revoked for drunken driving.
- n.* a two-wheeled vehicle that is driven by an engine and has no pedals
29. They opened a bottle of _____ to celebrate their success.
- n.* a type of sparkling wine produced in the Champagne region of France, or any similar wine produced elsewhere
30. Living in a _____ can be a great way to meet new people when you're in college.
- n.* a residence hall or building that provides living quarters for students or other occupants, typically on a college or university campus
31. Many studies have investigated the relationship between _____ and academic achievement.
- n.* the condition of being extremely poor
32. I _____ that you know it.
- v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

ANSWERS: 25. decide, 26. battery, 27. mosaic, 28. motorcycle, 29. champagne, 30. dorm, 31. poverty, 32. bet

33. On three sides, mountains _____ the settlement.

v. to be all around something or somebody

34. He wanted to _____ his wedding ring with their initials as a lasting symbol of their love.

v. to carve, cut, or etch a design, message, or image onto a surface, often using a sharp tool or laser; to permanently record or mark something in a lasting manner

35. These _____ are more prevalent above a certain latitude.

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

36. We can _____ this possibility from those consumptions.

v. to remove or get rid of someone or something

37. The older man _____ from arthritis and finds it difficult to move around.

v. to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant

38. 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

39. _____ infestations can cause significant damage to crops.

n. a tiny insect with white wings that feed on plants, often causing damage to crops

40. The coffee producers in _____ countries are at the sharp end of fluctuations in price.

adj. of or relating to or situated in the area south of the Sahara Desert

ANSWERS: 33. surround, 34. engrave, 35. insects, 36. eliminate, 37. suffers, 38. disease, 39. Whitefly, 40. sub-Saharan

41. What is the entry _____ for this course?
n. something that is needed or wanted
42. Each country's officials can access the central _____.
n. a large amount of data stored in a computer system in such a way that it can be searched and updated easily
43. Absolute zero is the lowest _____ temperature.
adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
44. The gardener used natural methods to keep _____ away from her plants.
n. a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
45. Solar gravity creates _____ pressures and temperatures.
adj. very great in amount or degree
46. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
n. a workplace for the conduct of scientific research; a laboratory
47. The lawyer's _____ for the case was \$10,000.
n. a sum of money charged for a particular service
48. He continued his investigation and soon _____ another crime.
v. to remove the cover from something; to discover something previously unseen or hidden
49. The human _____ contains approximately three billion chemical base pairs.
n. the complete set or sequence of genes of a human, animal, plant, or other living things

ANSWERS: 41. requirement, 42. database, 43. theoretical, 44. pests, 45. extreme, 46. lab, 47. fee, 48. uncovered, 49. genome

50. To find drunk drivers, police conduct _____ tests.

adj. made, done, or happening without method, conscious decision, or any regular pattern

51. The research institute allocated a lot of money to study the cause and prevention of _____.

n. (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

52. I found the kitchen _____ that will serve as a bottle opener in the store.

n. a small tool or device that is useful for a particular job

53. The body needs a certain amount of _____ to build and repair tissues.

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

54. The government has ignored the _____ of the homeless population.

n. a difficult or unfortunate situation

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

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

56. The patient was diagnosed with _____ C and will need treatment to clear the virus from her body.

n. a medical condition in which the liver becomes inflamed, often as a result of infection by a virus

57. This typhoon was the most _____ in years.

adj. causing a great deal of destruction or damage

ANSWERS: 50. random, 51. influenza, 52. gadget, 53. protein, 54. plight, 55. resistant, 56. hepatitis, 57. devastating

58. The building was _____ in the fire and had to be rebuilt.
v. to ruin or damage severely or completely; to eradicate or eliminate completely
59. The electric _____ keeps me warm on cold nights.
n. a large piece of soft material used to cover or wrap a person or thing to keep them warm; (adjective) broad in scope or content
60. So far, the meeting is going according to _____.
n. a list of planned activities, tasks, or things that must be completed showing when they are intended to happen or be done
61. 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
62. Hydrogen and oxygen _____ to form water.
v. to join or merge to form a single thing or group
63. The botanist added the new fern specimen to the _____ collection.
n. a collection of preserved plant specimens, typically identified and arranged in a systematic manner for scientific study and reference
64. The south coast is less _____ yet has many clean and appealing hotels.
adj. highly attractive and exciting, and different from ordinary things or people
65. When heated, _____ molecules absorb water and become thick and gooey, making it a useful thickening agent in cooking.
n. a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals

ANSWERS: 58. destroyed, 59. blanket, 60. schedule, 61. nation, 62. combine, 63. herbarium, 64. glamorous, 65. starch

66. He was impressed by the range and _____ of the collection.
n. the quality or fact of many different types of things or people being included in something; a range of different things or people
67. mRNA vaccines are approved faster because they do not contain inactivated _____.
n. a bacterium, virus, or other microorganism that causes disease
68. For this project to be successful, we must control _____ strictly.
n. the money, time, or effort incurred or required for something
69. Children in an unstructured environment often feel _____.
adj. not firm or firmly fixed; likely to fail or give way, or not assured of safety
70. 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
71. You can be more _____ and creative in your approach.
adj. able to change or be changed to suit new conditions or situations; able to bend easily
72. He spent only a _____ of his earnings.
n. a small part or item forming a piece of a whole; the quotient of two rational numbers
73. _____ elections were held in several European countries.
adj. belonging to or used by a group rather than individuals; for common use

ANSWERS: 66. diversity, 67. pathogens, 68. expenses, 69. insecure, 70. virus, 71. flexible, 72. fraction, 73. Communal

74. The golfer recorded an _____ distance.

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

75. It would be best if you burned off _____ through vigorous exercise.

n. unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce

76. His estate was _____ to his sons.

v. to give something to a large number of individuals, or to spread or furnish something

77. 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

78. Parents often _____ their characteristics to their children.

v. to send or forward an electronic signal; to pass something from one person or thing to another

79. _____ weight is the sum of all the atoms.

adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

80. You should not _____ yourself by allowing them to use you.

v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

ANSWERS: 74. amazing, 75. calories, 76. distributed, 77. crisis, 78. transmit, 79. Molecular, 80. degrade

81. The project's _____ made it difficult for the team to complete it on time.
n. the state or quality of being complicated or intricate and difficult to understand
82. The _____ is a serious threat to the farm's output.
n. an insect with wings similar to a butterfly that travels at night and is attracted to light
83. The researcher demonstrated the superiority of quantum _____ in several mathematical tasks.
n. the act or process of calculating something, especially an answer or amount, by using a machine or calculator
84. Sow early for an early _____.
n. a plant that is cultivated in large amounts, particularly for food
85. He had a _____ of stubbornness that made him difficult to work with.
n. a long, narrow mark or band, typically one of a different color or texture from the surrounding surface; a brief period or run of success, luck, or behavior; a consistent pattern of behavior or a distinguishing characteristic of an individual
86. China has developed one of the world's fastest _____ for its space program.
n. a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing
87. The teacher attempted to _____ the root cause of our mistake.
v. to think about in-depth and evaluate to discover essential features or meaning
88. The carpenter applied _____ to the cabinet joints before nailing them together.
n. a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials

ANSWERS: 81. complexity, 82. moth, 83. computation, 84. crop, 85. streak, 86. supercomputers, 87. analyze, 88. glue

89. We want to _____ our company through your media.
- v. to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it
90. She agreed to _____ with him in creating new artwork.
- v. to work with someone else to produce or achieve something
91. I often _____ around the park for half an hour.
- v. to walk around slowly or to a place, often without any clear purpose or direction
92. Pakistan's ___ budget was still being reviewed.
- n. things sent to help countries in need, notably food or money; support
93. The company's poor financial performance is likely to _____ the CEO's chances of being re-elected to the board.
- v. to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger
94. I tried to _____ the efficiency of the investment.
- v. to make a mathematical calculation
95. New York is a city with a _____ ethnic population.
- adj. including numerous categories of individuals or entities; various
96. The company adjusted the revenue _____.
- adv. toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place
97. This device is used to _____ brain cancer and other tumors.
- v. to determine or distinguish the nature of a problem or an illness through a careful analysis

ANSWERS: 89. advertise, 90. collaborate, 91. wander, 92. aid, 93. damn, 94. compute, 95. diverse, 96. upward, 97. diagnose

98. This ad campaign is aimed _____ at young women.

adv. only associated with or meant for one thing

99. In junior high school, we had to dissect a frog in _____ class.

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

100. 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

101. The farmer sprayed _____ on his crops to protect them from insects.

n. a substance used for preventing, destroying, repelling, or mitigating any pest

ANSWERS: 98. specifically, 99. biology, 100. planet, 101. pesticide