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Vocabulary Builder Reference from...

Stephen Friend: The hunt for "unexpected genetic heroes" | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

approximately

adv. close to a specific number or time but not exactly that number or time

synonym : about, around, roughly

(1) **approximately** 3 feet long, (2) **approximately** same
This trail takes **approximately** 2.5 hours.

oncology

n. the branch of medicine that deals with the study and treatment of tumors, especially malignancies

synonym : cancer treatment, study of tumors

(1) **oncology** center, (2) modern **oncology** treatment
The pharmaceutical company unveiled its latest breakthrough drug for the **oncology** market.

apparent

adj. able to see or understand easily or clearly

synonym : obvious, clear, conspicuous

(1) heir **apparent**, (2) **apparent** contradiction
This star is **apparent** to the naked eye.

inherit

v. to receive money, property, or a title from someone after they have died

synonym : obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property
After his death, his sons **inherited** his business.

tumor

n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

synonym: neoplasm, mass, lump

(1) **tumor** growth, (2) **tumor** at remote sites

The patient was diagnosed with a **tumor** in her lung.

retinoblastoma

n. a rare type of malignant tumor that develops in the retina of the eye, primarily affecting young children, characterized by abnormal cell growth and can lead to vision loss or other eye-related complications if left untreated

synonym: ocular cancer, eye tumor

(1) **retinoblastoma** tumor, (2) **retinoblastoma** gene

Early detection and treatment of **retinoblastoma** can save both vision and lives.

propel

v. to move, drive or push something forward or in a particular direction, often with a lot of force

synonym: drive, push, move

(1) **propel** growth, (2) **propel** the ship

An increase in employment helps **propel** economic growth.

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**.

cancer

n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

synonym: tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

susceptibility

n. the state of being easily influenced or vulnerable to some external influence, such as a disease, idea, or emotional state; the ability to be easily affected by something

synonym : vulnerability, proneness, openness

(1) **susceptibility** to peer pressure, (2) chemical **susceptibility**

Certain individuals have a higher **susceptibility** to certain diseases due to genetic factors.

intervene

v. to intentionally get involved in a situation to improve it or prevent it from getting worse

synonym : interfere, mediate, intercede

(1) **intervene** in a dispute, (2) **intervene** between quarreling parties

Following international law, our country does not **intervene** in the internal affairs of our neighbors.

seismic

adj. relating to or caused by an earthquake or earth vibration

synonym : seismic, tectonic, vibrational

(1) **seismic** activities, (2) a **seismic** center

Earthquakes produce two types of **seismic** waves.

shift

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

synonym : transition, change, modification

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

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

genetic

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

synonym : hereditary, genetical, inborn

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

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

variation

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

synonym : fluctuation, change, variation

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

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

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.

trait

n. a particular feature of your nature

synonym : attribute, feature, quality

(1) chemical **trait**, (2) personality **traits**

Multiple genes may influence behavioral **traits** concurrently.

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.

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.

efficiency

n. the state or quality of doing something well with no waste of input such as time or money

synonym : effectiveness, efficacy, productivity

(1) better fuel **efficiency**, (2) an energy **efficiency**

Our company must continue to strive for greater **efficiency**.

develop

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

synonym: evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

budge

- v. to move or shift slightly, particularly with effort or resistance; to make or cause a slight change in something

synonym: move, shift, nudge

(1) **budge** an inch, (2) **budge** the shelf

No matter how hard I tried, I couldn't **budge** the heavy couch from its place in the room.

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.

fragment

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

synonym: piece, shard, segment

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

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

narrative

- n. a story or a description of a series of events or process of telling a story

synonym: the tale, chronology, annals

(1) **narrative** poetry, (2) personal **narrative**

The **narrative** handles multiple plot lines and has unpredictable ends.

function

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

synonym: purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

fundamental

adj. forming an essential base or core from which everything else develops or is affected

synonym: basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

context

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

synonym: background, setting, environment

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

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

component

n. one of several parts that combines with others to form something bigger

synonym: element, part, factor

(1) key **component**, (2) spare **components** for cars

The researchers try to discover a common **component** in all types of successful organizations.

therapy

n. the act of caring for someone through medication, remedial training, etc.

synonym: antidote, medicine, treatment

(1) **therapy** for a patient, (2) field of gene **therapy**

I underwent aversion **therapy** for my addiction to alcohol.

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.

necessarily

adv. in an essential manner; in such a way as could not be otherwise

synonym : inevitable, certainly, automatically

(1) not **necessarily** a problem, (2) **necessarily** true

This accident was something that happened **necessarily**.

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.

symptom

n. any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

synonym : sign, manifestation, syndrome

(1) **symptoms** of low testosterone, (2) neurotic **symptoms**

The patient displays a **symptom** of a side effect.

normally

adv. usually; under normal conditions

synonym : commonly, generally, naturally

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

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

exhibit

v. to show something in public for people to enjoy or to provide them with information

synonym : display, expose, show

(1) **exhibit** a bad attitude, (2) **exhibit** a great talent

Other technology industries **exhibit** similarly explosive growth.

- odd** *adj.* strange or unexpected; not divisible by two
synonym : strange, bizarre, abnormal
(1) in an **odd** way, (2) **odd** behavior
His grandfather was an **odd** man.
- feasible** *adj.* capable of being or likely to be made, done, or achieved
synonym : achievable, possible, attainable
(1) economically **feasible**, (2) **feasible** assumption
It is not **feasible** and inefficient to complete many tasks at once.
- 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.
- astute** *adj.* having the ability to assess situations or people accurately and to act accordingly; mentally sharp or clever; showing practical wisdom or shrewdness
synonym : perceptive, shrewd, keen
(1) **astute** decision-making, (2) **astute** businessman
His **astute** observation allowed him to catch the mistake before anyone else did.
- clinician** *n.* a practitioner, especially of medicine or psychology, who has direct contact with patients
synonym : psychiatrist, therapist, doctor
(1) experienced **clinician**, (2) from a **clinician's** perspective
Some **clinicians** believe that psychological characteristics alone may cause mental disorders.
- mutation** *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
synonym : metamorphosis, transformation, alteration

(1) **mutation** of DNA, (2) hereditary **mutation**
Radiation often promotes genetic **mutations** in plants and animals.

elegant

adj. pleasing and graceful in appearance or manner, or showing good taste and refinement

synonym: refined, sophisticated, graceful

(1) **elegant** design, (2) write **elegant** sentences

She wore an **elegant** evening gown to the gala.

lipid

n. any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells

synonym: fat, oil, phospholipid

(1) **lipid** metabolism, (2) blood **lipid** profile

Omega-3 fatty acids, found in foods like fish and nuts, are a type of **lipid** that is good for heart health.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym: robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population

She is a **resilient** person and has always bounced back from setbacks.

unexpected

adj. not anticipated or regarded as likely to happen

synonym: surprising, unanticipated, incredible

(1) an **unexpected** visitor, (2) some **unexpected** events

The **unexpected** rainstorm caused the collapse of the corral.

hero

n. a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities

synonym: champion, protagonist, savior

(1) local **hero**, (2) unsung **hero**

The soldier who sacrificed his life for his country is considered a national **hero**.

decode

v. to convert something, such as a message or piece of information, from a specific form into one that you can understand

synonym : decipher, translate, interpret

(1) **decode** a message, (2) ability to **decode** the differences

The software could **decode** the encrypted data and reveal the hidden information.

systematic

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

synonym : periodic, frequent, organized

(1) a **systematic** reformation, (2) **systematic** botany

Science is based on the **systematic** classification of experience.

severe

adj. extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous

synonym : harsh, relentless, powerful

(1) **severe** heat, (2) a **severe** case of pneumonia

The senator received **severe** criticism from his opponent.

frame

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

synonym : body, skeleton, scaffolding

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

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

penetrate

v. to pass into or through something, often by overcoming resistance

synonym : pierce, stab, go through

(1) **penetrate** a cell, (2) **penetrate** quickly into the skin

Western ideology slowly **penetrates** through the eastern countries.

distinct

adj. noticeable from something else of a similar type

synonym : different, special, characteristic

(1) **distinct** difference, (2) **distinct** from each other

It is essential to keep these two issues **distinct**.

environment

n. the natural world such as air, water, and land in which humans, animals, and plants live

synonym : atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

remarkable

adj. worthy of attention because unusual or special

synonym : outstanding, exceptional, extraordinary

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

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

plummet

v. to fall or drop suddenly and steeply; to decline rapidly or sharply

synonym : drop, plunge, fall

(1) **plummeting** sales, (2) **plummet** against other major currencies

The stock prices have **plummeted** in the last hour, causing concern for investors.

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.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or

approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym : procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

awesome

adj. inspiring fear, admiration, or respect; very good, nice, fun, etc.

synonym : miraculous, marvelous, astounding

(1) **awesome** mental faculty, (2) have an **awesome** birthday

There is a lot of **awesome** nature and food in Hawaii.

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.

decipher

v. to read or understand something that is written in code or in a difficult or obscure way

synonym : interpret, decode, translate

(1) **decipher** code, (2) **decipher** message

He spent hours trying to **decipher** the ancient text.

institutionalize

v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)

synonym : formalize, establish, regularize

(1) **institutionalize** a system, (2) **institutionalize** customary laws

The new policy aims to **institutionalize** the use of renewable energy sources.

participate

v. to take part in something

synonym : take part, partake, enter

(1) **participate** fully in conversation, (2) **participate** in the program

The majority of students actively **participated** in the college's intramural sports program.

authorship

n. the fact or condition of being the person who wrote a particular work;

synonym : writing, composing, penning

(1) **authorship** of the document, (2) a book of doubtful **authorship**

He took credit for the book's **authorship**, but later it was revealed that he had plagiarized it.

crowdsourcing

n. the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet

(1) **crowdsourcing** apps, (2) **crowdsourcing** in climate policy

The company used this **crowdsourcing** platform to gather ideas for its next product.

brilliant

adj. extremely clever, skilled, or impressive

synonym : luminous, intelligent, clever

(1) **brilliant** idea, (2) **brilliant** performance

The more **brilliant** you are, the more people around you look at you with envy and jealousy.

mount

v. to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

synonym : climb, increase, get on

(1) **mount** a hill, (2) **mount** a counterattack

They **mounted** pictures on the paper in preparation for the birthday card.

medicinal

adj. of or relating to the treatment or cure of disease

synonym : curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

feasibility

n. the state or quality of being feasible; the likelihood or possibility of something being successful or able to be accomplished

synonym : viability, practicality, workability

(1) determine the **feasibility**, (2) **feasibility** assessment

A **feasibility** study is necessary to determine if a project is viable and worthwhile.

anonymous

adj. having no known name, identity, or known source

synonym : nameless, unidentified, unnamed

(1) **anonymous** letter, (2) **anonymous** house

She received several **anonymous** calls.

candidate

n. a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant

synonym : applicant, nominee, contender

(1) **candidate** selection, (2) PhD **candidate**

The **candidate's** platform focused on healthcare reform and reducing income inequality.

launch

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

synonym : start, initiate, begin

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

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

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.

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.

prospective

adj. likely or expected to happen or become in the future, often referring to something or someone that is being considered or evaluated

synonym : future, potential, expected

(1) **prospective** customer, (2) **prospective** candidate

The company is looking for **prospective** employees with strong communication skills.

swab

n. a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface

synonym : mop, scrub, daub

(1) alcohol **swab**, (2) cotton **swab**

He took a **swab** of his ear.

willingness

n. the state of being ready or inclined to do something

synonym : readiness, eagerness, enthusiasm

(1) **willingness** to help, (2) indicate a **willingness** to change

Her **willingness** to help others earned her many friends.

delegate

n. a person sent or authorized to represent others, in particular, an elected representative sent to a conference; (verb) to transfer power to someone

synonym : representative, envoy, agent

(1) **delegate** a routine task, (2) send a **delegate**

The **delegate** from the small country was not allowed to speak at the 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.

anoint

v. to apply oil or some other substance to something or someone as part of a religious or ceremonial act; to smear or rub with oil or a similar substance as a form of treatment or protection; to designate or appoint someone for a special mission or duty

synonym: bless, consecrate, sanctify

(1) **anoint** with oil, (2) **anoint** him as king

The priest will **anoint** the sick with holy oil in hopes of a speedy recovery.

engage

v. to attract and keep someone's attention and interest; to participate in or obtain services of something

synonym: confront, employ, amuse

(1) **engage** in environmental protection activities,

(2) **engage** a new employee

Many multinational companies are **engaged** in the reconstruction of that country.

evolve

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

synonym: develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

concept

n. an idea or principle associated with something abstract

synonym: idea, notion, vision

(1) learn new **concepts**, (2) **concept** car

One such rapidly growing **concept** is quantum cryptography.

constraint

n. a limit or restriction on something, such as an action, behavior, or thought

synonym: limitation, restriction, bound

(1) **constraint** on business activity, (2) strict time **constraints**

The budget **constraint** forced them to make difficult decisions.

extend

v. to broaden in scope, range, or area

synonym: prolong, lengthen, advance

(1) **extend** the warranty, (2) **extend** a line

Her visit will **extend** from Monday to Friday.

Alzheimer

n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

synonym: dementia, memory loss, cognitive decline

(1) **Alzheimer's** brain, (2) **Alzheimer's** risk factors

My grandmother has **Alzheimer's** disease requires special care and attention from her caregivers.

Session 2: Spelling

1. spare co_____nts for cars
n. one of several parts that combines with others to form something bigger
2. fun_____al education
adj. forming an essential base or core from which everything else develops or is affected
3. have an aw_____e birthday
adj. inspiring fear, admiration, or respect; very good, nice, fun, etc.
4. wil_____ss to help
n. the state of being ready or inclined to do something
5. 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
6. a ge_____c disorder
adj. of or relating to genes (= parts of the DNA in cells) or the science of genes
7. pe_____te a cell
v. to pass into or through something, often by overcoming resistance
8. better fuel eff_____cy
n. the state or quality of doing something well with no waste of input such as time or money
9. cro_____ing apps
n. the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet
10. ap_____nt contradiction
adj. able to see or understand easily or clearly

ANSWERS: 1. component, 2. fundamental, 3. awesome, 4. willingness, 5. disease, 6. genetic, 7. penetrate, 8. efficiency, 9. crowdsourcing, 10. apparent

11. modern on_____gy treatment *n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
12. 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
13. 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)
14. major paradigm sh__t *n.* a slight transition in position, direction, or trend
15. aut_____ip of the document *n.* the fact or condition of being the person who wrote a particular work;
16. app_____ely 3 feet long *adv.* close to a specific number or time but not exactly that number or time
17. an___t him as king *v.* to apply oil or some other substance to something or someone as part of a religious or ceremonial act; to smear or rub with oil or a similar substance as a form of treatment or protection; to designate or appoint someone for a special mission or duty
18. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
19. se___e heat *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous

ANSWERS: 11. oncology, 12. disease, 13. molecular, 14. shift, 15. authorship, 16. approximately, 17. anoint, 18. evolve, 19. severe

20. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
21. a private ind____al *n.* a single person or thing, as distinct from a group
22. hereditary mu____on *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
23. an____us house *adj.* having no known name, identity, or known source
24. ret_____oma gene *n.* a rare type of malignant tumor that develops in the retina of the eye, primarily affecting young children, characterized by abnormal cell growth and can lead to vision loss or other eye-related complications if left untreated
25. fu____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
26. PhD ca____te *n.* a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant
27. key co____nt *n.* one of several parts that combines with others to form something bigger

ANSWERS: 20. biology, 21. individual, 22. mutation, 23. anonymous, 24. retinoblastoma, 25. function, 26. candidate, 27. component

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|---|---|
| 28. on an equal ba__s | <i>n.</i> the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged |
| 29. fe_____le assumption | <i>adj.</i> capable of being or likely to be made, done, or achieved |
| 30. a picture fr__e | <i>n.</i> a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window |
| 31. ins_____ize customary laws | <i>v.</i> to establish or make something a part of an institution (= a place such as a university, hospital, etc.) |
| 32. aw_____e mental faculty | <i>adj.</i> inspiring fear, admiration, or respect; very good, nice, fun, etc. |
| 33. local h__o | <i>n.</i> a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities |
| 34. en___e in environmental protection activities | <i>v.</i> to attract and keep someone's attention and interest; to participate in or obtain services of something |
| 35. spread of the vi__s | <i>n.</i> a tiny infectious organic material that causes disease in people, animals, and plants |
| 36. pr_____s improvement | <i>n.</i> a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products |

ANSWERS: 28. basis, 29. feasible, 30. frame, 31. institutionalize, 32. awesome, 33. hero, 34. engage, 35. virus, 36. process

37. de___e a message *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
38. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
39. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
40. pe_____te quickly into the skin *v.* to pass into or through something, often by overcoming resistance
41. personal na_____ve *n.* a story or a description of a series of events or process of telling a story
42. write el_____t sentences *adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement
43. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
44. par_____te in the program *v.* to take part in something
45. tu__r at remote sites *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
46. th_____y for a patient *n.* the act of caring for someone through medication, remedial training, etc.
47. cro_____ing in climate policy *n.* the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet

ANSWERS: 37. decode, 38. responsible, 39. diagnose, 40. penetrate, 41. narrative, 42. elegant, 43. analyze, 44. participate, 45. tumor, 46. therapy, 47. crowdsourcing

48. la__h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
49. experienced cl_____an *n.* a practitioner, especially of medicine or psychology, who has direct contact with patients
50. de____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
51. historical co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
52. alcohol s__b *n.* a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface
53. app_____ely same *adv.* close to a specific number or time but not exactly that number or time
54. ba__s for calculation *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
55. immune fu_____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 48. launch, 49. clinician, 50. develop, 51. context, 52. swab, 53. approximately, 54. basis, 55. function

56. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
57. 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
58. de_____er message *v.* to read or understand something that is written in code or in a difficult or obscure way
59. mu_____on of DNA *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
60. in_____t ancestral property *v.* to receive money, property, or a title from someone after they have died
61. a broken fr_____nt *n.* a small piece or part broken off or detached
62. 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
63. neurotic sy_____ms *n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
64. di_____ct from each other *adj.* noticeable from something else of a similar type
65. ability to de___e the differences *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand

ANSWERS: 56. medicinal, 57. bet, 58. decipher, 59. mutation, 60. inherit, 61. fragment, 62. discovery, 63. symptom, 64. distinct, 65. decode

66. di_____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
67. a book of doubtful aut_____ip *n.* the fact or condition of being the person who wrote a particular work;
68. bu__e the shelf *v.* to move or shift slightly, particularly with effort or resistance; to make or cause a slight change in something
69. ex___d the warranty *v.* to broaden in scope, range, or area
70. a se_____c center *adj.* relating to or caused by an earthquake or earth vibration
71. li__d metabolism *n.* any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells
72. ex_____t a bad attitude *v.* to show something in public for people to enjoy or to provide them with information
73. de_____er code *v.* to read or understand something that is written in code or in a difficult or obscure way
74. re_____nt population *adj.* able to withstand or recover quickly from difficult conditions
75. Al_____er's risk factors *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

ANSWERS: 66. diagnose, 67. authorship, 68. budge, 69. extend, 70. seismic, 71. lipid, 72. exhibit, 73. decipher, 74. resilient, 75. Alzheimer

76. br_____nt idea *adj.* extremely clever, skilled, or impressive
77. an____t with oil *v.* to apply oil or some other substance to something or someone as part of a religious or ceremonial act; to smear or rub with oil or a similar substance as a form of treatment or protection; to designate or appoint someone for a special mission or duty
78. ex_____t a great talent *v.* to show something in public for people to enjoy or to provide them with information
79. traditional me_____al *adj.* of or relating to the treatment or cure of disease
80. pl_____ting sales *v.* to fall or drop suddenly and steeply; to decline rapidly or sharply
81. legal co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
82. ev____e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
83. o_d behavior *adj.* strange or unexpected; not divisible by two
84. two-ph__e structure *n.* any stage in a series of events, change, or development
85. ca_____te selection *n.* a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant

ANSWERS: 76. brilliant, 77. anoint, 78. exhibit, 79. medicinal, 80. plummet, 81. context, 82. evolve, 83. odd, 84. phase, 85. candidate

86. as___e decision-making *adj.* having the ability to assess situations or people accurately and to act accordingly; mentally sharp or clever; showing practical wisdom or shrewdness
87. on_____gy center *n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
88. 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
89. en___e a new employee *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
90. a hard and re_____nt steel *adj.* able to withstand or recover quickly from difficult conditions
91. pl_____t against other major currencies *v.* to fall or drop suddenly and steeply; to decline rapidly or sharply
92. Doppler sh__t *n.* a slight transition in position, direction, or trend
93. personality tr__ts *n.* a particular feature of your nature
94. co_____t car *n.* an idea or principle associated with something abstract
95. not no_____ly drink much *adv.* usually; under normal conditions
96. economically fe_____le *adj.* capable of being or likely to be made, done, or achieved
97. se_____c activities *adj.* relating to or caused by an earthquake or earth vibration

ANSWERS: 86. astute, 87. oncology, 88. discovery, 89. engage, 90. resilient, 91. plummet, 92. shift, 93. trait, 94. concept, 95. normally, 96. feasible, 97. seismic

98. ret_____oma tumor *n.* a rare type of malignant tumor that develops in the retina of the eye, primarily affecting young children, characterized by abnormal cell growth and can lead to vision loss or other eye-related complications if left untreated
99. pro_____ve customer *adj.* likely or expected to happen or become in the future, often referring to something or someone that is being considered or evaluated
100. la___h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
101. an une_____ed visitor *adj.* not anticipated or regarded as likely to happen
102. the rem_____le breadth of knowledge *adj.* worthy of attention because unusual or special
103. gene va_____on *n.* the act or state of changing; a difference or change in the way something is done, made or said
104. ca___r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
105. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected

ANSWERS: 98. retinoblastoma, 99. prospective, 100. launch, 101. unexpected, 102. remarkable, 103. variation, 104. cancer, 105. fundamental

106. fr____nt of a text *n.* a small piece or part broken off or detached
107. sys_____ic botany *adj.* done or acting according to a determined set of systems or plans:
108. chemical sus_____ity *n.* the state of being easily influenced or vulnerable to some external influence, such as a disease, idea, or emotional state; the ability to be easily affected by something
109. v__t desert *adj.* enormous in size, number, amount, or quantity
110. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
111. v__t majority *adj.* enormous in size, number, amount, or quantity
112. bu__e an inch *v.* to move or shift slightly, particularly with effort or resistance; to make or cause a slight change in something
113. na_____ve poetry *n.* a story or a description of a series of events or process of telling a story
114. enter on the last ph__e *n.* any stage in a series of events, change, or development
115. pr___l the ship *v.* to move, drive or push something forward or in a particular direction, often with a lot of force
116. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
117. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 106. fragment, 107. systematic, 108. susceptibility, 109. vast, 110. genetic, 111. vast, 112. budge, 113. narrative, 114. phase, 115. propel, 116.

environment, 117. develop

118. va_____on of temperature *n.* the act or state of changing; a difference or change in the way something is done, made or said
119. as___e businessman *adj.* having the ability to assess situations or people accurately and to act accordingly; mentally sharp or clever; showing practical wisdom or shrewdness
120. complete no_____ly *adv.* usually; under normal conditions
121. el_____t design *adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement
122. pro_____ve candidate *adj.* likely or expected to happen or become in the future, often referring to something or someone that is being considered or evaluated
123. an_____us letter *adj.* having no known name, identity, or known source
124. fea_____ty assessment *n.* the state or quality of being feasible; the likelihood or possibility of something being successful or able to be accomplished
125. sus_____ity to peer pressure *n.* the state of being easily influenced or vulnerable to some external influence, such as a disease, idea, or emotional state; the ability to be easily affected by something
126. di_____ct difference *adj.* noticeable from something else of a similar type

ANSWERS: 118. variation, 119. astute, 120. normally, 121. elegant, 122. prospective, 123. anonymous, 124. feasibility, 125. susceptibility, 126. distinct

127. a strain of vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
128. blood li__d profile *n.* any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells
129. determine the fea_____ty *n.* the state or quality of being feasible; the likelihood or possibility of something being successful or able to be accomplished
130. from a cl_____an's perspective *n.* a practitioner, especially of medicine or psychology, who has direct contact with patients
131. par_____te fully in conversation *v.* to take part in something
132. unsung h__o *n.* a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
133. in_____t estate *v.* to receive money, property, or a title from someone after they have died
134. chemical tr__t *n.* a particular feature of your nature
135. con_____nt on business activity *n.* a limit or restriction on something, such as an action, behavior, or thought
136. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning

ANSWERS: 127. virus, 128. lipid, 129. feasibility, 130. clinician, 131. participate, 132. hero, 133. inherit, 134. trait, 135. constraint, 136. analyze

137. de_____te a routine task *n.* a person sent or authorized to represent others, in particular, an elected representative sent to a conference; (verb) to transfer power to someone
138. 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)
139. Al_____er's brain *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
140. ins_____ize a system *v.* to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
141. heir ap_____nt *adj.* able to see or understand easily or clearly
142. field of gene th_____y *n.* the act of caring for someone through medication, remedial training, etc.
143. mo__t a counterattack *v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
144. 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
145. a sys_____ic reformation *adj.* done or acting according to a determined set of systems or plans:

ANSWERS: 137. delegate, 138. molecular, 139. Alzheimer, 140. institutionalize, 141. apparent, 142. therapy, 143. mount, 144. bet, 145. systematic

146. an energy eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
147. some une_____ed events *adj.* not anticipated or regarded as likely to happen
148. ca____r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
149. sy_____ms of low testosterone *n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
150. rem_____le achievement *adj.* worthy of attention because unusual or special
151. indicate a wil_____ss to change *n.* the state of being ready or inclined to do something
152. in an o_d way *adj.* strange or unexpected; not divisible by two
153. not nec_____ly a problem *adv.* in an essential manner; in such a way as could not be otherwise
154. in_____ne in a dispute *v.* to intentionally get involved in a situation to improve it or prevent it from getting worse
155. a se____e case of pneumonia *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
156. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 146. efficiency, 147. unexpected, 148. cancer, 149. symptom, 150. remarkable, 151. willingness, 152. odd, 153. necessarily, 154. intervene, 155. severe, 156. environment

157. br_____nt performance *adj.* extremely clever, skilled, or impressive
158. cotton s__b *n.* a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface
159. send a de_____te *n.* a person sent or authorized to represent others, in particular, an elected representative sent to a conference; (verb) to transfer power to someone
160. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
161. ind_____al freedom *n.* a single person or thing, as distinct from a group
162. nec_____ly true *adv.* in an essential manner; in such a way as could not be otherwise
163. in_____ne between quarreling parties *v.* to intentionally get involved in a situation to improve it or prevent it from getting worse
164. learn new co_____ts *n.* an idea or principle associated with something abstract
165. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
166. mo__t a hill *v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

ANSWERS: 157. brilliant, 158. swab, 159. delegate, 160. biology, 161. individual, 162. necessarily, 163. intervene, 164. concept, 165. responsible, 166. mount

167. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
168. ex___d a line *v.* to broaden in scope, range, or area
169. tu__r growth *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
170. the fr__e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
171. strict time con_____nts *n.* a limit or restriction on something, such as an action, behavior, or thought
172. pr___l growth *v.* to move, drive or push something forward or in a particular direction, often with a lot of force

ANSWERS: 167. process, 168. extend, 169. tumor, 170. frame, 171. constraint, 172. propel

Session 3: Fill in the Blanks

1. The stock prices have _____ in the last hour, causing concern for investors.
v. to fall or drop suddenly and steeply; to decline rapidly or sharply
2. Our company must continue to strive for greater _____.
n. the state or quality of doing something well with no waste of input such as time or money
3. One such rapidly growing _____ is quantum cryptography.
n. an idea or principle associated with something abstract
4. _____ 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)
5. We must _____ a new system to streamline our workflow and increase efficiency.
v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
6. The budget _____ forced them to make difficult decisions.
n. a limit or restriction on something, such as an action, behavior, or thought
7. 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

ANSWERS: 1. plummeted, 2. efficiency, 3. concept, 4. Molecular, 5. develop, 6. constraint, 7. disease

8. Multiple genes may influence behavioral _____ concurrently.
- n.* a particular feature of your nature
9. A _____ study is necessary to determine if a project is viable and worthwhile.
- n.* the state or quality of being feasible; the likelihood or possibility of something being successful or able to be accomplished
10. After his death, his sons _____ his business.
- v.* to receive money, property, or a title from someone after they have died
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. I don't _____ take a vacation in the middle of summer.
- adv.* usually; under normal conditions
13. They _____ pictures on the paper in preparation for the birthday card.
- v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
14. 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
15. The brain is an incredibly complex organ that controls the body's _____.
- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 8. traits, 9. feasibility, 10. inherited, 11. responsible, 12. normally, 13.

mounted, 14. basis, 15. function

16. The detective looked for fingerprints on the window _____.
- n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
17. 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
18. I underwent aversion _____ for my addiction to alcohol.
- n.* the act of caring for someone through medication, remedial training, etc.
19. The senator received _____ criticism from his opponent.
- adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
20. The soldier who sacrificed his life for his country is considered a national _____.
- n.* a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
21. It is essential to keep these two issues _____.
- adj.* noticeable from something else of a similar type
22. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
23. Could you help me _____ some furniture?
- n.* a slight transition in position, direction, or trend

ANSWERS: 16. frame, 17. individual, 18. therapy, 19. severe, 20. hero, 21. distinct, 22. process, 23. shift

24. This star is _____ to the naked eye.

adj. able to see or understand easily or clearly

25. He took credit for the book's _____ but later it was revealed that he had plagiarized it.

n. the fact or condition of being the person who wrote a particular work;

26. The software could _____ the encrypted data and reveal the hidden information.

v. to convert something, such as a message or piece of information, from a specific form into one that you can understand

27. The teacher attempted to _____ the root cause of our mistake.

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

28. An increase in employment helps _____ economic growth.

v. to move, drive or push something forward or in a particular direction, often with a lot of force

29. 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

30. Radiation often promotes genetic _____ in plants and animals.

n. the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

31. The pharmaceutical company unveiled its latest breakthrough drug for the _____ market.

n. the branch of medicine that deals with the study and treatment of tumors, especially malignancies

ANSWERS: 24. apparent, 25. authorship, 26. decode, 27. analyze, 28. propel, 29. diagnose, 30. mutations, 31. oncology

32. Human behavior has _____ characteristics.

adj. forming an essential base or core from which everything else develops or is affected

33. Early detection and treatment of _____ can save both vision and lives.

n. a rare type of malignant tumor that develops in the retina of the eye, primarily affecting young children, characterized by abnormal cell growth and can lead to vision loss or other eye-related complications if left untreated

34. Other technology industries _____ similarly explosive growth.

v. to show something in public for people to enjoy or to provide them with information

35. The priest will _____ the sick with holy oil in hopes of a speedy recovery.

v. to apply oil or some other substance to something or someone as part of a religious or ceremonial act; to smear or rub with oil or a similar substance as a form of treatment or protection; to designate or appoint someone for a special mission or duty

36. The more _____ you are, the more people around you look at you with envy and jealousy.

adj. extremely clever, skilled, or impressive

37. The company is looking for _____ employees with strong communication skills.

adj. likely or expected to happen or become in the future, often referring to something or someone that is being considered or evaluated

38. Her visit will _____ from Monday to Friday.

v. to broaden in scope, range, or area

ANSWERS: 32. fundamental, 33. retinoblastoma, 34. exhibit, 35. anoint, 36. brilliant, 37. prospective, 38. extend

39. This trail takes _____ 2.5 hours.

adv. close to a specific number or time but not exactly that number or time

40. Understanding protein folding is a vital step in deciphering the _____ code.

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

41. The _____ rainstorm caused the collapse of the corral.

adj. not anticipated or regarded as likely to happen

42. The company is set to _____ its new product line next month.

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

43. The patient was diagnosed with a _____ in her lung.

n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

44. His grandfather was an _____ man.

adj. strange or unexpected; not divisible by two

45. No matter how hard I tried, I couldn't _____ the heavy couch from its place in the room.

v. to move or shift slightly, particularly with effort or resistance; to make or cause a slight change in something

46. It is not _____ and inefficient to complete many tasks at once.

adj. capable of being or likely to be made, done, or achieved

ANSWERS: 39. approximately, 40. genetic, 41. unexpected, 42. launch, 43. tumor, 44. odd, 45. budge, 46. feasible

47. A _____ audience viewed the broadcast.

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

48. The researchers try to discover a common _____ in all types of successful organizations.

n. one of several parts that combines with others to form something bigger

49. He spent hours trying to _____ the ancient text.

v. to read or understand something that is written in code or in a difficult or obscure way

50. The patient displays a _____ of a side effect.

n. any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

51. Some _____ believe that psychological characteristics alone may cause mental disorders.

n. a practitioner, especially of medicine or psychology, who has direct contact with patients

52. The election was a _____ success for the Whigs.

adj. worthy of attention because unusual or special

53. The _____ from the small country was not allowed to speak at the meeting.

n. a person sent or authorized to represent others, in particular, an elected representative sent to a conference; (verb) to transfer power to someone

54. My grandmother has _____ disease requires special care and attention from her caregivers.

n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

ANSWERS: 47. vast, 48. component, 49. decipher, 50. symptom, 51. clinicians, 52. remarkable, 53. delegate, 54. Alzheimer's

55. The archaeologist carefully pieced together the tiny _____ of pottery found at the dig site.
n. a small piece or part broken off or detached
56. 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
57. The new policy aims to _____ the use of renewable energy sources.
v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
58. She wore an _____ evening gown to the gala.
adj. pleasing and graceful in appearance or manner, or showing good taste and refinement
59. She is a _____ person and has always bounced back from setbacks.
adj. able to withstand or recover quickly from difficult conditions
60. Omega-3 fatty acids, found in foods like fish and nuts, are a type of _____ that is good for heart health.
n. any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells
61. Many multinational companies are _____ in the reconstruction of that country.
v. to attract and keep someone's attention and interest; to participate in or obtain services of something
62. His _____ observation allowed him to catch the mistake before anyone else did.
adj. having the ability to assess situations or people accurately and to act accordingly; mentally sharp or clever; showing practical wisdom or shrewdness

ANSWERS: 55. fragments, 56. biology, 57. institutionalize, 58. elegant, 59. resilient, 60. lipid, 61. engaged, 62. astute

63. Following international law, our country does not _____ in the internal affairs of our neighbors.
- v. to intentionally get involved in a situation to improve it or prevent it from getting worse
64. The _____ properties of this herb have been known to help with various ailments.
- adj.* of or relating to the treatment or cure of disease
65. Certain individuals have a higher _____ to certain diseases due to genetic factors.
- n.* the state of being easily influenced or vulnerable to some external influence, such as a disease, idea, or emotional state; the ability to be easily affected by something
66. Earthquakes produce two types of _____ waves.
- adj.* relating to or caused by an earthquake or earth vibration
67. He took a _____ of his ear.
- n.* a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface
68. Western ideology slowly _____ through the eastern countries.
- v. to pass into or through something, often by overcoming resistance
69. 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: 63. intervene, 64. medicinal, 65. susceptibility, 66. seismic, 67. swab, 68. penetrates, 69. bet

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

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

71. Eyeless fish _____ in dark caves.

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

72. 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

73. The _____ platform focused on healthcare reform and reducing income inequality.

n. a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant

74. Her _____ to help others earned her many friends.

n. the state of being ready or inclined to do something

75. There is a lot of _____ nature and food in Hawaii.

adj. inspiring fear, admiration, or respect; very good, nice, fun, etc.

76. Breast _____ is the most common type of cancer in women.

n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

77. There is a lot of _____ in the colors of flowers in the garden.

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

ANSWERS: 70. systematic, 71. evolved, 72. virus, 73. candidate's, 74. willingness, 75. awesome, 76. cancer, 77. variation

78. It's important to understand the _____ of a situation before making a decision.
- n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
79. Every human is responsible for taking care of the Earth's _____.
- n.* the natural world such as air, water, and land in which humans, animals, and plants live
80. This accident was something that happened _____.
- adv.* in an essential manner; in such a way as could not be otherwise
81. 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
82. She received several _____ calls.
- adj.* having no known name, identity, or known source
83. The era of the industrial revolution was a crucial _____ of history.
- n.* any stage in a series of events, change, or development
84. The company used this _____ platform to gather ideas for its next product.
- n.* the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet
85. The majority of students actively _____ in the college's intramural sports program.
- v.* to take part in something

ANSWERS: 78. context, 79. environment, 80. necessarily, 81. discovery, 82. anonymous, 83. phase, 84. crowdsourcing, 85. participated

86. The _____ handles multiple plot lines and has unpredictable ends.

n. a story or a description of a series of events or process of telling a story

ANSWERS: 86. narrative