

Englist.me



Vocabulary Builder Reference from...

Joshua W. Pate: The mysterious science of pain |

TED Talk

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

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

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.

journal

n. a newspaper or magazine specialized in a specific topic or profession

synonym: periodical, diary, bulletin

(1) scientific **journal**, (2) **journal** articles

The physician is reading the **journals** related to medicine

astonishing

adj. surprising or shocking; difficult to believe

synonym: surprising, shocking, astounding

(1) **astonishing** achievement, (2) make **astonishing** gains

The news of her sudden death was **astonishing** to everyone who knew her.

accidentally

adv. by chance or without planning

synonym: by chance, unintentionally, unwittingly

(1) they met **accidentally**, (2) **accidentally** coincide

He was **accidentally** killed by friendly fire.

- nail** *n.* a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes
synonym : pin, tack, fastener
(1) rusty **nail**, (2) **nail** clipper
He used a hammer and round **nail** to fix the loose board on the fence.
- pierce** *v.* to cut or make a way through with a sharp instrument
synonym : jab, penetrate, stab
(1) **pierce** the armored shells, (2) **pierce** a mystery
The extreme cold **pierced** our bones.
- straight** *adj.* extending or moving in one direction without bending or curving; having no deviations
synonym : linear, honest, consecutive
(1) a **straight** line, (2) **straight** for two months
He was sick for five **straight** days.
- steel** *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
synonym : iron
(1) magnetic **steel**, (2) **steel** beam
This bridge is the third largest **steel** bridge in the world.
- agon** *n.* a contest or competition, typically one in which participants exert themselves physically or mentally to achieve victory or surpass others
synonym : struggle, conflict, fight
(1) emotional **agon**, (2) an **agon** of creativity
The weightlifting competition brought together athletes from different countries for an international **agon**.
- movement** *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or

figuratively

synonym: motion, progression, action

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

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

unbearable

adj. not able to be tolerated or endured; too difficult, severe, or intense to be dealt with or suffered through; intolerable or insufferable

synonym: intolerable, insufferable, unendurable

(1) **unbearable** heat, (2) **unbearable** pain

The loss of his wife was an **unbearable** sorrow that he found hard to overcome.

sight

n. the ability to see; anything that is seen

synonym: vision, spectacle, view

(1) an unexpected **sight**, (2) dull **sight**

Many famous **sights** are within walking distance.

damage

v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

synonym: harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment

During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

logic

n. a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments

synonym: reasoning, reason, ratiocination

(1) an indisputable **logic**, (2) a demonstration in **logic**

There's no **logic** in his description.

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.

injury

n. harm done to a person's or an animal's body caused by an accident or an attack

synonym: wound, damage, hurt

(1) without **injury**, (2) a fatal **injury**

My accidental **injury** got better right away.

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**.

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

threat

n. a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

synonym: menace, danger, hazard

(1) economic **threat**, (2) environmental **threat**

The **threat** of severe weather prompted the city to issue an evacuation warning.

mechanism

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

synonym : means, method, system

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

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

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**.

proportion

n. a part, share, or amount of something considered in comparative relation to a whole

synonym : ratio, balance, consonance

(1) direct **proportion**, (2) a building of vast **proportions**

He is more concerned about the **proportion** of his body fat than usual because of an upcoming bodybuilding competition.

pregnant

adj. having a baby or young animal developing in the uterus

synonym : expectant

(1) needs of **pregnant** women, (2) a silence **pregnant** with suspense

She vacated the position when she got **pregnant**.

labor

n. productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to

strive and make an effort to reach a goal

synonym: toil, toil, donkeywork

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

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

phenomenon

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

synonym: marvel, wonder, splendor

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

A rainbow is a natural **phenomenon**.

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.

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.

nociceptor

n. a sensory nerve ending that is capable of detecting harmful stimuli, such as heat, cold, pressure, or tissue damage, and transmitting this information to the brain

(1) thermal **nociceptor**, (2) **nociceptor** fiber

The **nociceptors** in the skin are activated by heat, cold, and pressure.

nervous

adj. worried and anxious about something; relating to the nerves

synonym: neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**
He suffers from **nervous** breakdowns.

stimulus

n. something that causes growth or arouses action

synonym: incitement, inspiration, motivation

(1) a response to a **stimulus**, (2) economic **stimulus**

This book provides children with ideas and a **stimulus** for outside recreation.

sensor

n. a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

synonym: detector

(1) motion **sensor** lighting, (2) an image **sensor**

This automatic door could no longer be opened due to a **sensor** failure.

detect

v. to find or recognize something, especially something difficult to see, hear, etc.

synonym: catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

mechanical

adj. operated by a machine, relating to or concerned with machinery or tools

synonym: machinelike, automated, automatic

(1) a **mechanical** style of writing, (2) the influence of **mechanical** action

A **mechanical** engineer is still in demand in many companies.

thermal

adj. relating to heat or temperature; designed for or capable of producing or maintaining heat

synonym: heat-related, warm, hot

(1) **thermal** insulation, (2) **thermal** energy

The **thermal** imaging camera was used to detect heat

signatures in the dark.

chemical

adj. relating to or connected with chemistry;

synonym: chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

electrical

adj. relating to electricity

(1) an **electrical** storm, (2) degree in **electrical** engineering

Actuators convert **electrical** pulses into motion.

spine

n. the series of bones running down the center of the back that protect the spinal cord and support the body; the backbone or vertebral column

synonym: backbone, vertebra, column

(1) the **spine** of a book, (2) a cervical **spine** injury

She has a minor curved **spine** due to desk work for many years.

brain

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

synonym: intellect, mind, encephalon

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

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

weigh

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

synonym: consider, cogitate, count

(1) **weigh** heavily on stock prices, (2) **weigh** a cargo

The baby **weighs** 1 pound 3 oz.

importance

n. the quality of being important and worthy of note

synonym: significance, primacy, matter

(1) a man of **importance**, (2) high **importance**

I stopped by the branch though I have no business of **importance**.

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.

typical

adj. having the usual characteristics or traits of a specific group of things

synonym: characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

influence

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself

synonym: power, leverage, effect

(1) **influence** a child's future, (2) **influence** the daily life

The former emperor had a particular **influence** even after he abdicated.

amplify

v. to enhance something, particularly sound or brightness

synonym: intensify, boost, argument

(1) **amplify** a signal, (2) **amplify** the effect

You might need to **amplify** this point.

fiber

n. thread or filament used to make a vegetable tissue, mineral material, or textile

synonym: yarn, thread, wool

(1) carbon **fiber**, (2) synthetic **fiber**

We must consume dietary **fiber** to maintain good health.

sensitive

adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

synonym: exposed, susceptible, keen

(1) **sensitive** documents, (2) baby with **sensitive** skin

The teacher is very **sensitive** to children's feelings.

adequate

adj. enough, acceptable, satisfactory for a particular purpose or need

synonym : enough, acceptable, able

(1) **adequate** parking facilities, (2) provide **adequate** funding

This argument is still not **adequate**.

spark

v. to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity

synonym : start, inspire, provoke

(1) **spark** his interest, (2) **spark** a chain reaction

The bankruptcy of the giant conglomerate **sparked** turmoil in the stock market.

intense

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

synonym : extreme, fierce, harsh

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

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

adapt

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

synonym : adjust, acclimate, accustom

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

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

efficiently

adv. in a way that produces maximum output with minimum effort or expense

synonym : expeditiously, skillfully, ably

(1) **efficiently** combined, (2) develop software more **efficiently**

We can resolve support requests quickly and **efficiently** by utilization of AI.

amplification

n. the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea

synonym: enlargement, expansion, intensification

(1) **amplification** system, (2) sound **amplification**

The political debate was an **amplification** of the candidates' views on key issues.

chronic

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

synonym: established, regular, constant

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

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

define

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

synonym: characterize, depict, express

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

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

nudge

v. to push someone or something gently, especially with your elbow, to attract the person's attention; (noun) a small push or prod to encourage a desired action or behavior

synonym: bump, elbow, (noun) prod

(1) **nudge** price levels up, (2) give a person a **nudge**

The teacher **nudged** the student to get his attention and asked him a question.

ongoing

adj. continuing to exist or develop, or currently happening

synonym: continuous, current, proceeding

(1) still **ongoing**, (2) **ongoing** support

The new prime minister has vowed to take measures against the **ongoing** economic crisis.

alert

v. to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action

synonym: warn, inform, (adjective) vigilant

(1) **alert** consumers to the dangers, (2) **alert** system

The company's cybersecurity team **alerted** the CEO to potential threats.

outlast

v. to endure or last longer than something else; to overcome challenges or obstacles and remain in existence

synonym: endure, survive, persevere

(1) **outlast** competitors, (2) **outlast** the storm

Some species of turtles can **outlast** human beings by centuries.

vicious

adj. having or showing a desire to cause harm to others; having the nature of vice

synonym: malicious, spiteful, malevolent

(1) **vicious** attack, (2) **vicious** deflationary spiral

The **vicious** dog barked and growled at anyone who came near its territory.

cycle

n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

synonym: revolution, rotation, bike

(1) the **cycle** of the seasons, (2) go to the workplace by **cycle**

The food chain causes a material **cycle**.

persist

v. to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

synonym: endure, continue, carry on

(1) **persist** over time, (2) **persist** in success

Consult your doctor if the symptoms **persist**.

reverse

v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

synonym : overturn, shift, switch

(1) **reverse** the trend, (2) **reverse** the order

The restaurant **reversed** a ban on smoking.

psychology

n. the scientific study of mind and behavior

(1) **psychology** experiment, (2) **psychology** of crowd

She had a master's degree in **psychology**.

emotional

adj. relating to people's feelings

synonym : affecting, impactful, impressive

(1) **emotional** health, (2) **emotional** distress

Human **emotional** responses vary widely depending on the society to which they belong.

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**.

experiment

n. the scientific test conducted to observe what happens and gain new knowledge

synonym : experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

volunteer

n. a person who performs or offers to perform a job or service without being paid for or forced to do

synonym : unpaid worker, draftee, enlistee

(1) seek **volunteers**, (2) my **volunteer** work

The teachers make full use of **volunteer** assistance.

- rod** *n.* a long, thin, straight piece of wood, metal, or other material used for support, as a weapon, or for punishment
synonym: stick, wand, staff
(1) **rod** cell, (2) curtain **rod**
He used a fishing **rod** to catch the biggest fish of the day.
- temperature** *n.* the degree of hotness or coldness of a thing or place
synonym: climate, warmth, degree
(1) extreme **temperatures**, (2) the atmospheric **temperature**
Cities around the world set records for highest **temperatures** this summer.
- fin** *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
synonym: flipper, appendage, stabilizer
(1) back **fin**, (2) a **fin** of a plane
The shark's powerful **fins** allowed it to swim at high speeds.
- avail** *v.* to help or benefit; to use or take advantage of
synonym: help, benefit, serve
(1) **avail** you little, (2) **avail** ourselves of this opportunity
Their financing options are reasonable and easy to **avail**.
- perception** *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
synonym: understanding, idea, awareness
(1) keen **perception**, (2) **perception** of a stimulus
He is a man admired for the depth of his **perception**.
- two-pronged** *adj.* having two prongs:
(1) **two-pronged** process, (2) **two-pronged** fork
A **two-pronged** attack with synchronized landings at both camps was deemed the optimal strategy.

specialize

v. to become an expert in a specific career field, study, or business

synonym: narrow down, particularize

(1) **specialize** in child care, (2) **specialize** in market research

The restaurant has chefs who **specialize** in beef.

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.

clinical

adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

synonym: dispassionate, analytic, scientific

(1) **clinical** surgery, (2) participate in **clinical** trials

She received special **clinical** training at the hospital.

nurse

n. a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury

synonym: healthcare worker, caregiver, medic

(1) **nurse** practitioner, (2) a volunteer **nurse**

The night shift **nurse** checked my vital signs before administering the medication.

healthcare

n. the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession

(1) **healthcare** agency, (2) rising **healthcare** cost

In an aging population, citizens must pay more to maintain quality **healthcare**.

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.

glia *n.* a type of brain cell that supports and insulates neurons, provides nutrients to them, and helps to regulate their activity

synonym: astrocyte, microglia, oligodendrocyte

(1) neural **glia**, (2) **glia** function

The human brain contains both neurons and **glia** cells.

surrounding *adj.* that is near or around, or closely encircling something
synonym: circumferent, encircling, neighboring

(1) **surrounding** areas, (2) a fence **surrounding** a castle

The **surrounding** mountains make the city difficult to be invaded.

neuron *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
synonym: nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

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

synonym: construction, architecture, establishment

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

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

disable *v.* to cause someone or something to become unable to function properly or as intended; to incapacitate or immobilize

synonym: cripple, impair, incapacitate

(1) **disable** a setting, (2) **disable** a device

I had to **disable** the pop-up blocker in my browser to access the website.

circuit

n. (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

synonym: route, course, rotation

(1) **circuit** breaker, (2) federal **circuit** courts

An intelligent battery has a voltage monitoring **circuit**.

amygdala

n. one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell

(1) the decline in **amygdala** activity, (2) **amygdala** damage

The **amygdala** has been associated with memories of past emotional events.

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.

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.

disorder

n. an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions

synonym: chaos, disturbance, disease

(1) the files are in complete **disorder**, (2) people with bipolar **disorder**

The doctor prescribed some medicine for the mental **disorder**.

pinpoint

v. to locate or identify the exact position in space or time of something

synonym: name, direct, identify

(1) **pinpoint** the problem, (2) **pinpoint** signs of manipulation

This radar quickly **pinpoints** the position of the enemy.

eventually

adv. finally, particularly after a long time or a lot of struggle, complications, and so on

synonym: finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed

The corporation **eventually** dominated the entire tobacco business.

Session 2: Spelling

1. unb_____le pain *adj.* not able to be tolerated or endured; too difficult, severe, or intense to be dealt with or suffered through; intolerable or insufferable
2. the cy__e of the seasons *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
3. make ast_____ng gains *adj.* surprising or shocking; difficult to believe
4. synthetic fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
5. a ge____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
6. my vo_____er work *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
7. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
8. am____y the effect *v.* to enhance something, particularly sound or brightness
9. they met acc_____lly *adv.* by chance or without planning
10. an image se____r *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

ANSWERS: 1. unbearable, 2. cycle, 3. astonishing, 4. fiber, 5. genetic, 6. volunteer, 7. typical, 8. amplify, 9. accidentally, 10. sensor

- | | |
|--------------------------------------|---|
| 11. participate in cl_____al trials | <i>adj.</i> of or relating to the examination and treatment of patients rather than theoretical or laboratory studies |
| 12. degree in ele_____al engineering | <i>adj.</i> relating to electricity |
| 13. se_____ve documents | <i>adj.</i> able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do |
| 14. env_____nt affairs | <i>n.</i> the natural world such as air, water, and land in which humans, animals, and plants live |
| 15. g__a function | <i>n.</i> a type of brain cell that supports and insulates neurons, provides nutrients to them, and helps to regulate their activity |
| 16. scientific jo_____l | <i>n.</i> a newspaper or magazine specialized in a specific topic or profession |
| 17. permanent br__n damage | <i>n.</i> the organ inside the head that is responsible for one's movement, thought, memory, and feeling |
| 18. high imp_____ce | <i>n.</i> the quality of being important and worthy of note |
| 19. people with bipolar di_____er | <i>n.</i> an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions |
| 20. evolutionary bi_____y | <i>n.</i> the scientific study of life and the natural processes of living things |
| 21. spe_____ze in market research | <i>v.</i> to become an expert in a specific career field, study, or business |

ANSWERS: 11. clinical, 12. electrical, 13. sensitive, 14. environment, 15. glia, 16. journal, 17. brain, 18. importance, 19. disorder, 20. biology, 21. specialize

22. da___e assessment *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
23. risk of ch____c disease *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
24. unb_____le heat *adj.* not able to be tolerated or endured; too difficult, severe, or intense to be dealt with or suffered through; intolerable or insufferable
25. r_d cell *n.* a long, thin, straight piece of wood, metal, or other material used for support, as a weapon, or for punishment
26. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
27. sound amp_____ion *n.* the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea
28. emotional a__n *n.* a contest or competition, typically one in which participants exert themselves physically or mentally to achieve victory or surpass others
29. economic st____us *n.* something that causes growth or arouses action
30. psy_____gy of crowd *n.* the scientific study of mind and behavior

ANSWERS: 22. damage, 23. chronic, 24. unbearable, 25. rod, 26. detect, 27. amplification, 28. agon, 29. stimulus, 30. psychology

31. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
32. vi_____s attack *adj.* having or showing a desire to cause harm to others; having the nature of vice
33. acc_____lly coincide *adv.* by chance or without planning
34. eff_____ly combined *adv.* in a way that produces maximum output with minimum effort or expense
35. an ele_____al storm *adj.* relating to electricity
36. pi___e the armored shells *v.* to cut or make a way through with a sharp instrument
37. carbon fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
38. go to the workplace by cy__e *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
39. seek vo_____ers *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
40. environmental th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

ANSWERS: 31. mechanism, 32. vicious, 33. accidentally, 34. efficiently, 35. electrical, 36. pierce, 37. fiber, 38. cycle, 39. volunteer, 40. threat

41. development of the ne_____s system *adj.* worried and anxious about something; relating to the nerves
42. federal ci_____t courts *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
43. economic th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
44. de____e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
45. pe_____t in success *v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable
46. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
47. ast_____ng achievement *adj.* surprising or shocking; difficult to believe
48. av__l you little *v.* to help or benefit; to use or take advantage of
49. hea_____re agency *n.* the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession

ANSWERS: 41. nervous, 42. circuit, 43. threat, 44. decide, 45. persist, 46. experiment, 47. astonishing, 48. avail, 49. healthcare

50. two_____ed process *adj.* having two prongs:
51. develop software more eff_____ly *adv.* in a way that produces maximum output with minimum effort or expense
52. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
53. baby with se_____ve skin *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
54. sp__k his interest *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
55. ne___n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
56. keen per_____on *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
57. an unexpected si__t *n.* the ability to see; anything that is seen
58. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
59. per_____on of a stimulus *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

ANSWERS: 50. two-pronged, 51. efficiently, 52. environment, 53. sensitive, 54. spark, 55. neuron, 56. perception, 57. sight, 58. experiment, 59. perception

60. el_____te contestants *v.* to remove or get rid of someone or something
61. a f_n of a plane *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
62. ci_____t breaker *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
63. give a person a nu__e *v.* to push someone or something gently, especially with your elbow, to attract the person's attention; (noun) a small push or prod to encourage a desired action or behavior
64. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
65. de___e a word *v.* to state or explain precisely the nature, scope, or meaning of something
66. an indisputable lo__c *n.* a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments
67. curtain r_d *n.* a long, thin, straight piece of wood, metal, or other material used for support, as a weapon, or for punishment
68. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
69. sp__k a chain reaction *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity

ANSWERS: 60. eliminate, 61. fin, 62. circuit, 63. nudge, 64. temperature, 65. define, 66. logic, 67. rod, 68. temperature, 69. spark

70. a st____ht line *adj.* extending or moving in one direction without bending or curving; having no deviations
71. develop in____e itching *adj.* (especially of a feeling) very strong; extremely sharp or severe
72. provide ad____te funding *adj.* enough, acceptable, satisfactory for a particular purpose or need
73. in____ce a child's future *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
74. th____y for a patient *n.* the act of caring for someone through medication, remedial training, etc.
75. the sp__e of a book *n.* the series of bones running down the center of the back that protect the spinal cord and support the body; the backbone or vertebral column
76. get ne____s *adj.* worried and anxious about something; relating to the nerves
77. field of gene th____y *n.* the act of caring for someone through medication, remedial training, etc.
78. da____e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
79. th____l insulation *adj.* relating to heat or temperature; designed for or capable of producing or maintaining heat

ANSWERS: 70. straight, 71. intense, 72. adequate, 73. influence, 74. therapy, 75. spine, 76. nervous, 77. therapy, 78. damage, 79. thermal

80. di_____e a device *v.* to cause someone or something to become unable to function properly or as intended; to incapacitate or immobilize
81. a building of vast pro_____ons *n.* a part, share, or amount of something considered in comparative relation to a whole
82. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
83. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
84. pe_____t over time *v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable
85. thermal noc_____or *n.* a sensory nerve ending that is capable of detecting harmful stimuli, such as heat, cold, pressure, or tissue damage, and transmitting this information to the brain
86. a circular mo_____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
87. nu__e practitioner *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury

ANSWERS: 80. disable, 81. proportion, 82. structure, 83. adapt, 84. persist, 85. nociceptor, 86. movement, 87. nurse

88. a silence pr_____nt with suspense *adj.* having a baby or young animal developing in the uterus
89. the decline in am_____la activity *n.* one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell
90. re_____e the order *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
91. on_____g support *adj.* continuing to exist or develop, or currently happening
92. in_____ce the daily life *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
93. sur_____ng areas *adj.* that is near or around, or closely encircling something
94. a cervical sp__e injury *n.* the series of bones running down the center of the back that protect the spinal cord and support the body; the backbone or vertebral column
95. an a__n of creativity *n.* a contest or competition, typically one in which participants exert themselves physically or mentally to achieve victory or surpass others
96. magnetic st__l *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

ANSWERS: 88. pregnant, 89. amygdala, 90. reverse, 91. ongoing, 92. influence, 93. surrounding, 94. spine, 95. agon, 96. steel

97. the influence of mec_____al action *adj.* operated by a machine, relating to or concerned with machinery or tools
98. a man of imp_____ce *n.* the quality of being important and worthy of note
99. em_____al health *adj.* relating to people's feelings
100. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
101. the files are in complete di_____er *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
102. seasonal la__r *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
103. motion se___r lighting *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
104. st__l beam *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
105. pi_____nt signs of manipulation *v.* to locate or identify the exact position in space or time of something
106. am_____y a signal *v.* to enhance something, particularly sound or brightness

ANSWERS: 97. mechanical, 98. importance, 99. emotional, 100. medical, 101. disorder, 102. labor, 103. sensor, 104. steel, 105. pinpoint, 106. amplify

107. st_____ht for two months *adj.* extending or moving in one direction without bending or curving; having no deviations
108. still on_____g *adj.* continuing to exist or develop, or currently happening
109. pi_____nt the problem *v.* to locate or identify the exact position in space or time of something
110. a mec_____al style of writing *adj.* operated by a machine, relating to or concerned with machinery or tools
111. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
112. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
113. ou_____t competitors *v.* to endure or last longer than something else; to overcome challenges or obstacles and remain in existence
114. needs of pr_____nt women *adj.* having a baby or young animal developing in the uterus
115. psy_____gy experiment *n.* the scientific study of mind and behavior
116. 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

ANSWERS: 107. straight, 108. ongoing, 109. pinpoint, 110. mechanical, 111. process, 112. genetic, 113. outlast, 114. pregnant, 115. psychology, 116. function

117. a response to a st____us *n.* something that causes growth or arouses action
118. th____l energy *adj.* relating to heat or temperature; designed for or capable of producing or maintaining heat
119. noc____or fiber *n.* a sensory nerve ending that is capable of detecting harmful stimuli, such as heat, cold, pressure, or tissue damage, and transmitting this information to the brain
120. a demonstration in lo__c *n.* a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments
121. vi____s deflationary spiral *adj.* having or showing a desire to cause harm to others; having the nature of vice
122. historical phe____on *n.* something that exists and can be perceptible, especially one that is not fully understood
123. spe____ze in child care *v.* to become an expert in a specific career field, study, or business
124. n__l clipper *n.* a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes
125. a facial ti____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

ANSWERS: 117. stimulus, 118. thermal, 119. nociceptor, 120. logic, 121. vicious, 122. phenomenon, 123. specialize, 124. nail, 125. tissue

126. un_____r the truth *v.* to remove the cover from something; to discover something previously unseen or hidden
127. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
128. in_____e heat *adj.* (especially of a feeling) very strong; extremely sharp or severe
129. direct pro_____on *n.* a part, share, or amount of something considered in comparative relation to a whole
130. em_____al distress *adj.* relating to people's feelings
131. loss of muscle ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
132. 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
133. rusty n___l *n.* a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes
134. al__t system *v.* to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action

ANSWERS: 126. uncover, 127. eventually, 128. intense, 129. proportion, 130. emotional, 131. tissue, 132. function, 133. nail, 134. alert

135. we__h a cargo *v.* to have a particular weight; to carefully evaluate things before making a conclusion
136. se___e heat *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
137. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
138. ad_____te parking facilities *adj.* enough, acceptable, satisfactory for a particular purpose or need
139. ou_____t the storm *v.* to endure or last longer than something else; to overcome challenges or obstacles and remain in existence
140. el_____te sexual barriers *v.* to remove or get rid of someone or something
141. 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
142. amp_____ion system *n.* the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea
143. fairly ty_____l symptoms *adj.* having the usual characteristics or traits of a specific group of things

ANSWERS: 135. weigh, 136. severe, 137. brain, 138. adequate, 139. outlast, 140. eliminate, 141. process, 142. amplification, 143. typical

144. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
145. 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
146. defense me_____sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
147. de___t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
148. ch_____c alcohol consumption *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
149. neural g__a *n.* a type of brain cell that supports and insulates neurons, provides nutrients to them, and helps to regulate their activity
150. nu__e price levels up *v.* to push someone or something gently, especially with your elbow, to attract the person's attention; (noun) a small push or prod to encourage a desired action or behavior
151. mo_____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
152. natural phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood

ANSWERS: 144. adapt, 145. decide, 146. mechanism, 147. detect, 148. chronic, 149. glia, 150. nudge, 151. movement, 152. phenomenon

164. toxic ch____als *adj.* relating to or connected with chemistry;
165. temporary me____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
166. jo____l articles *n.* a newspaper or magazine specialized in a specific topic or profession
167. manual la__r *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
168. am____la damage *n.* one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell
169. 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
170. without in____y *n.* harm done to a person's or an animal's body caused by an accident or an attack
171. cl____al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
172. a volunteer nu__e *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury

ANSWERS: 164. chemical, 165. medical, 166. journal, 167. labor, 168. amygdala, 169. discovery, 170. injury, 171. clinical, 172. nurse

173. 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
174. a ch_____al compound *adj.* relating to or connected with chemistry;
175. a se___e case of pneumonia *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
176. a fatal in___y *n.* harm done to a person's or an animal's body caused by an accident or an attack
177. al__t consumers to the dangers *v.* to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action
178. di_____e a setting *v.* to cause someone or something to become unable to function properly or as intended; to incapacitate or immobilize
179. re_____e the trend *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
180. back f_n *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
181. dull si__t *n.* the ability to see; anything that is seen
182. av__l ourselves of this opportunity *v.* to help or benefit; to use or take advantage of

ANSWERS: 173. discovery, 174. chemical, 175. severe, 176. injury, 177. alert, 178. disable, 179. reverse, 180. fin, 181. sight, 182. avail

ANSWERS:

Session 3: Fill in the Blanks

1. The _____ of the dancers on stage was graceful and elegant.
n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
2. I underwent aversion _____ for my addiction to alcohol.
n. the act of caring for someone through medication, remedial training, etc.
3. He was _____ killed by friendly fire.
adv. by chance or without planning
4. The teachers make full use of _____ assistance.
n. a person who performs or offers to perform a job or service without being paid for or forced to do
5. He is a man admired for the depth of his _____.
n. a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
6. The extreme cold _____ our bones.
v. to cut or make a way through with a sharp instrument
7. She received special _____ training at the hospital.
adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

ANSWERS: 1. movement, 2. therapy, 3. accidentally, 4. volunteer, 5. perception, 6. pierced, 7. clinical

8. I stopped by the branch though I have no business of _____.
- n.* the quality of being important and worthy of note
9. 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
10. Some species of turtles can _____ human beings by centuries.
- v.* to endure or last longer than something else; to overcome challenges or obstacles and remain in existence
11. During the surgery, the doctor had to be extremely cautious not to _____ a blood vessel.
- v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
12. The new prime minister has vowed to take measures against the _____ economic crisis.
- adj.* continuing to exist or develop, or currently happening
13. _____ hyperglycemia is a trigger for a variety of serious diseases.
- adj.* being long-lasting and recurrent or characterized by long suffering; habitual
14. This radar quickly _____ the position of the enemy.
- v.* to locate or identify the exact position in space or time of something
15. He discovered unique _____ for photochemical reactions.
- n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

ANSWERS: 8. importance, 9. environment, 10. outlast, 11. damage, 12. ongoing, 13. Chronic, 14. pinpoints, 15. mechanisms

16. I had to _____ the pop-up blocker in my browser to access the website.
v. to cause someone or something to become unable to function properly or as intended; to incapacitate or immobilize
17. The former emperor had a particular _____ even after he abdicated.
n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself
18. Human _____ responses vary widely depending on the society to which they belong.
adj. relating to people's feelings
19. He was sick for five _____ days.
adj. extending or moving in one direction without bending or curving; having no deviations
20. He is more concerned about the _____ of his body fat than usual because of an upcoming bodybuilding competition.
n. a part, share, or amount of something considered in comparative relation to a whole
21. That statement by the prime minister drew _____ international criticism.
adj. (especially of a feeling) very strong; extremely sharp or severe
22. Their financing options are reasonable and easy to _____.
v. to help or benefit; to use or take advantage of
23. A rainbow is a natural _____.
n. something that exists and can be perceptible, especially one that is not fully understood

ANSWERS: 16. disable, 17. influence, 18. emotional, 19. straight, 20. proportion, 21. intense, 22. avail, 23. phenomenon

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

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

25. This argument is still not _____.

adj. enough, acceptable, satisfactory for a particular purpose or need

26. He continued his investigation and soon _____ another crime.

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

27. The baby _____ 1 pound 3 oz.

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

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

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

29. The corporation _____ dominated the entire tobacco business.

adv. finally, particularly after a long time or a lot of struggle, complications, and so on

30. She has a minor curved _____ due to desk work for many years.

n. the series of bones running down the center of the back that protect the spinal cord and support the body; the backbone or vertebral column

31. The news of her sudden death was _____ to everyone who knew her.

adj. surprising or shocking; difficult to believe

ANSWERS: 24. adapt, 25. adequate, 26. uncovered, 27. weighs, 28. labor, 29. eventually, 30. spine, 31. astonishing

32. The human brain contains both neurons and _____ cells.
- n.* a type of brain cell that supports and insulates neurons, provides nutrients to them, and helps to regulate their activity
33. The loss of his wife was an _____ sorrow that he found hard to overcome.
- adj.* not able to be tolerated or endured; too difficult, severe, or intense to be dealt with or suffered through; intolerable or insufferable
34. The _____ of severe weather prompted the city to issue an evacuation warning.
- n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
35. The political debate was an _____ of the candidates' views on key issues.
- n.* the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea
36. You might need to _____ this point.
- v.* to enhance something, particularly sound or brightness
37. The night shift _____ checked my vital signs before administering the medication.
- n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
38. 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

ANSWERS: 32. glia, 33. unbearable, 34. threat, 35. amplification, 36. amplify, 37. nurse, 38. discovery

39. He used a hammer and round _____ to fix the loose board on the fence.
n. a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes
40. My accidental _____ got better right away.
n. harm done to a person's or an animal's body caused by an accident or an attack
41. We can _____ this possibility from those consumptions.
v. to remove or get rid of someone or something
42. Consult your doctor if the symptoms _____.
v. to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable
43. 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
44. There's no _____ in his description.
n. a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments
45. This artwork is _____ of her work.
adj. having the usual characteristics or traits of a specific group of things
46. The teacher is very _____ to children's feelings.
adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

ANSWERS: 39. nail, 40. injury, 41. eliminate, 42. persist, 43. process, 44. logic, 45. typical, 46. sensitive

47. The _____ has been associated with memories of past emotional events.
- n.* one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell
48. This bridge is the third largest _____ bridge in the world.
- n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
49. The _____ mountains make the city difficult to be invaded.
- adj.* that is near or around, or closely encircling something
50. The organizational _____ of start-ups is often flat and straightforward.
- n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
51. 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
52. She had a master's degree in _____.
- n.* the scientific study of mind and behavior
53. The teacher _____ the student to get his attention and asked him a question.
- v.* to push someone or something gently, especially with your elbow, to attract the person's attention; (noun) a small push or prod to encourage a desired action or behavior

ANSWERS: 47. amygdala, 48. steel, 49. surrounding, 50. structure, 51. function, 52. psychology, 53. nudged

54. To advance this discussion, we must _____ "success" rigorously.
- v. to state or explain precisely the nature, scope, or meaning of something
55. The bankruptcy of the giant conglomerate _____ turmoil in the stock market.
- v. to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
56. In an aging population, citizens must pay more to maintain quality _____.
- n. the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession
57. The doctor prescribed some medicine for the mental _____.
- n. an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
58. The restaurant has chefs who _____ in beef.
- v. to become an expert in a specific career field, study, or business
59. Cities around the world set records for highest _____ this summer.
- n. the degree of hotness or coldness of a thing or place
60. The weightlifting competition brought together athletes from different countries for an international _____.
- n. a contest or competition, typically one in which participants exert themselves physically or mentally to achieve victory or surpass others
61. 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

ANSWERS: 54. define, 55. sparked, 56. healthcare, 57. disorder, 58. specialize, 59. temperatures, 60. agon, 61. decide

62. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
63. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;
64. The senator received _____ criticism from his opponent.
adj. extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
65. X-rays revealed a small tumor in his _____.
n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling
66. He used a fishing ____ to catch the biggest fish of the day.
n. a long, thin, straight piece of wood, metal, or other material used for support, as a weapon, or for punishment
67. 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
68. The _____ dog barked and growled at anyone who came near its territory.
adj. having or showing a desire to cause harm to others; having the nature of vice
69. 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
70. She vacated the position when she got _____.
adj. having a baby or young animal developing in the uterus

ANSWERS: 62. experiments, 63. chemical, 64. severe, 65. brain, 66. rod, 67. genetic, 68. vicious, 69. medical, 70. pregnant

71. The shark's powerful _____ allowed it to swim at high speeds.
n. a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
72. We can resolve support requests quickly and _____ by utilization of AI.
adv. in a way that produces maximum output with minimum effort or expense
73. A _____ attack with synchronized landings at both camps was deemed the optimal strategy.
adj. having two prongs:
74. This book provides children with ideas and a _____ for outside recreation.
n. something that causes growth or arouses action
75. We must consume dietary _____ to maintain good health.
n. thread or filament used to make a vegetable tissue, mineral material, or textile
76. The security camera has _____ four intruders.
v. to find or recognize something, especially something difficult to see, hear, etc.
77. The researcher separated the nervous _____ for microscopic examinations.
n. an ensemble of similar cells of the animal or plant that together carry out a specific function
78. Actuators convert _____ pulses into motion.
adj. relating to electricity
79. The food chain causes a material _____.
n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

ANSWERS: 71. fins, 72. efficiently, 73. two-pronged, 74. stimulus, 75. fiber, 76. detected, 77. tissue, 78. electrical, 79. cycle

80. Our body transfers information along each _____ using an electrical impulse.
- n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
81. The restaurant _____ a ban on smoking.
- v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
82. The _____ in the skin are activated by heat, cold, and pressure.
- n.* a sensory nerve ending that is capable of detecting harmful stimuli, such as heat, cold, pressure, or tissue damage, and transmitting this information to the brain
83. This automatic door could no longer be opened due to a _____ failure.
- n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
84. A _____ engineer is still in demand in many companies.
- adj.* operated by a machine, relating to or concerned with machinery or tools
85. The physician is reading the _____ related to medicine
- n.* a newspaper or magazine specialized in a specific topic or profession
86. The company's cybersecurity team _____ the CEO to potential threats.
- v.* to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action
87. An intelligent battery has a voltage monitoring _____.
- n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

ANSWERS: 80. neuron, 81. reversed, 82. nociceptors, 83. sensor, 84. mechanical, 85. journals, 86. alerted, 87. circuit

88. He suffers from _____ breakdowns.

adj. worried and anxious about something; relating to the nerves

89. Many famous _____ are within walking distance.

n. the ability to see; anything that is seen

90. 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

91. The _____ imaging camera was used to detect heat signatures in the dark.

adj. relating to heat or temperature; designed for or capable of producing or maintaining heat

ANSWERS: 88. nervous, 89. sights, 90. biology, 91. thermal