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Vocabulary Builder Reference from...

Antonio Cataldo: What would happen if you lost your sense of touch? | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

suddenly

adv. quickly and unexpectedly

synonym: abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly**

Who answers **suddenly** knows little.

collapse

v. to fall down or give way suddenly, often after breaking apart

synonym: tumble, spill, bankruptcy

(1) the stock market **collapsed**, (2) ready to **collapse**

The roof finally **collapsed** after three days and three nights of heavy snowfall.

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.

gastric

adj. relating to the stomach or the digestive system; characterized by or causing discomfort or pain in the stomach or upper abdomen

synonym: stomachic, digestive, belly

(1) **gastric** issues, (2) **gastric** cancer

After eating spicy food, some people experience **gastric** distress like heartburn and indigestion.

influenza

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

synonym : grippe, flu

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

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

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.

linger

v. to stay in a place or exist longer than expected

synonym : dawdle, tarry, loiter

(1) **linger** in the mind, (2) **linger** over your work

She **lingered** for a moment before leaving the room.

joint

adj. shared, held, or made between two or more people;
(noun) the point of connection between two bones or elements of a skeleton

synonym : collaborative, cooperative, combined

(1) a **joint** venture, (2) the bone of a **joint**

After the summit meeting, the prime ministers issued a **joint** statement.

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.

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.

extreme

adj. very great in amount or degree

synonym: farthestmost, outermost, fierce

(1) **extreme** sports, (2) **extreme** weather events

Solar gravity creates **extreme** pressures and temperatures.

deafferentation

n. the loss or absence of sensory inputs to the brain from an area of the body, typically due to damage or loss of nerve connections

synonym: loss of sensation, sensory deprivation, nerve damage

(1) sensory **deafferentation**, (2) **deafferentation-induced** pain

Treatment for **deafferentation** may involve physical therapy and other forms of rehabilitation.

neurological

adj. of or relating to the science of neurology or the nervous system

synonym: nervous, neural, brain-related

(1) fever with **neurological** signs, (2) **neurological** symptoms

The patient was diagnosed with a **neurological** disorder affecting their motor skills.

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.

interrupt

v. to say or do something that causes someone to stop in their speech or action

synonym: disturb, hinder, break in

(1) **interrupt** a call, (2) abruptly **interrupt**

Her sleep was **interrupted** by recurring pain.

impair

v. to damage something or make it weaker or worse

synonym: degrade, mar, deface

(1) **impair** my health, (2) **impair** insulin sensitivity

The accident made his vision **impaired**.

constant

adj. happening repeatedly or all the time

synonym: ceaseless, stable, unchanging

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

Constant dropping wears away the stone.

limb

n. an arm and leg of a person or animal

synonym: arm, appendage, branch

(1) a prosthetic **limb**, (2) **limb** amputation

You should wrap the bandage carefully and firmly around the injured **limb**.

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.

judge

n. a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something

synonym: arbiter, justice, (verb) deduce

(1) **judge** a competition, (2) an associate **judge**

The strict **judge** ruled in favor of the plaintiff in the case.

regain

v. to get something back or recover something after it has been lost or taken away

synonym:

recover, reclaim, retrieve

(1) **regain** our reputation, (2) **regain** my health

After years of hard work, he finally **regained** his financial stability.

vital

adj. necessary for the success or continued existence of something

synonym: critical, crucial, invigorating

(1) play a **vital** role, (2) **vital** for a healthy society

Perseverance and optimism are **vital** to success.

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.

somatosensor

n. a type of sensory receptor in the skin, muscles, tendons, and joints that respond to touch, pressure, temperature, or pain stimuli and sends signals to the brain for processing in the somatosensory cortex

synonym: mechanoreceptor, touch receptor, sensory receptor

(1) **somatosensor** neuron, (2) **somatosensor** cortex

The **somatosensor** in your skin detects touch, pressure, and temperature changes.

oversee

v. to watch and direct someone or something to make sure that it is being done correctly

synonym: manage, command, supervise

(1) **oversee** the process, (2) properly **oversee** the staff

A committee was appointed to **oversee** a huge budget.

sensation

n. a feeling associated with stimulation of a sense organ or with a specific body condition; a general feeling of

interest and excitement

synonym: feeling, perception, mania

(1) cause a widespread **sensation**, (2) taste **sensation**

If you apply this ointment, you may feel a mild burning **sensation**.

interior

n. the inside or inner part of something; the space within the walls of a building

synonym: inner, inside, internal

(1) **interior** decoration, (2) plenty of **interior** space

The painter focused on the moody **interiors** of abandoned buildings in his work.

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.

awareness

n. the fact or state of knowing something exists and is important

synonym: understanding, cognition, knowledge

(1) **awareness** of my ignorance, (2) raise public **awareness**

There has been a gradual but steady rise in environmental **awareness**.

proprioception

n. the sense of the relative position of one's body parts and their movement, regulated by receptors in the muscles, tendons, and joints; the ability to sense where one's body is in space without relying on vision

synonym: body awareness, kinesthesia, sense of movement

(1) improve **proprioception**, (2) **proprioception** training

Athletes rely heavily on **proprioception** to perform complex movements with precision.

regulate

v. to control something, especially by means of rules or laws

synonym: control, restrain, handle

(1) **regulate** blood sugar levels, (2) **regulate** our conduct

We must manage to **regulate** our expenditure.

dramatic

adj. very sudden, very excellent, or full of action and excitement

synonym: striking, theatrical, breathtaking

(1) make **dramatic** changes, (2) a **dramatic** rescue at sea

The statement had a **dramatic** impact on house prices.

receptor

n. an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

(1) cellular **receptor**, (2) **receptor** for HIV in humans

Hay fever occurs when a substance called histamine binds to **receptors** in the nose and eyes.

embedded

adj. fixed firmly into the surface of something

synonym: ingrained, implanted, inserted

(1) **embedded** systems, (2) LED- **embedded** glass

The **embedded** chip in my credit card allows me to make contactless payments.

tendon

n. a strong, fibrous cord of tissue that connects muscle to bone

synonym: tissue, sinew, ligament

(1) **tendon** grafting, (2) **tendon** collagen

Tendon injuries are common among athletes.

centimeter

n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

(1) **centimeter** measurement, (2) thirty **centimeters** tall

The room was only one **centimeter** wider than the piano, making it a tight fit.

depth

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

synonym: deepness, profoundness, extent

(1) **depth** camera, (2) the **depth** of the water

The pond's **depth** was around five feet.

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.

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.

deformation

n. the process of changing the physical shape or form of something, usually due to external forces or pressure

synonym: distortion, warping, contortion

(1) **deformation** at room temperature, (2) **deformation** of structures

Various factors, including pressure, temperature, and the application of external forces, can cause the **deformation** of rocks.

trigger

v. to make something happen suddenly; to cause something such as a device, machine, etc. to function

synonym: activate, spark, drive

(1) **trigger** a biochemical response, (2) **trigger** inflation

The incident **triggered** a political controversy.

frequency

n. an ordered array of colors into which a light beam can be split

synonym: recurrence, repetition, regularity

(1) **frequency** band, (2) high **frequency**

The oscillator hunts for the correct **frequency**.

vibration

n. a continuous quick and slight shaking movement

synonym: oscillation, fluctuation, reverberation

(1) protection against **vibration**, (2) sympathetic **vibration**

Vibration displaced part of the mechanism.

stretch

v. to make or be capable of making anything longer or broader without hurting or breaking

synonym: lengthen, prolong, extend

(1) **stretch** along the coast, (2) **stretch** a story

Some herds have been observed to **stretch** hundreds of kilometers.

static

adj. not moving or not capable of moving, not changing or not capable of changing

synonym: immobile, unchanging, fixed

(1) **static** electricity, (2) **static** website

The **static** image on the screen took a lot of work to make out.

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.

continually

adv. in a way that happens without interruption or repeatedly

synonym: repeatedly, frequently, constantly

(1) **continually** access information, (2) **continually** changing world

Her tongue runs on **continually**.

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.

relay

v. to receive and pass something, such as information or a message, from one person or group to another; to broadcast something on television, radio, etc.

synonym: pass on, transmit, broadcast

(1) **relay** a scene, (2) **relay** a request

Please **relay** the news to the world.

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**.

combine

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

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,

(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

sensory

adj. of or relating to the physical senses

synonym: receptive, sensuous, neural

(1) a **sensory** organ, (2) a child with **sensory** issues

Sharks have highly developed **sensory** systems and are extremely sensitive creatures.

electrical

adj. relating to electricity

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

Actuators convert **electrical** pulses into motion.

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.

attach

v. to fasten, join, or connect one thing to another

synonym : fix, fasten, bind

(1) **attach** firmly, (2) **attach** a file to an e-mail

He does not **attach** importance to these rumors.

vary

v. to become different in terms of size, shape, etc.

synonym : alter, contrast, differ

(1) **vary** according to the age, (2) **vary** directly with the price

Maximum heart rates **vary** a lot for each individual.

slightly

adv. in a small degree or extent; a little

synonym : barely, narrowly, scarcely

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

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

conduct

v. to organize and carry out a particular activity

synonym : behave, lead, carry on

(1) **conduct** a background check, (2) **conduct** research

Police will **conduct** random breath testing for drunk driving.

fatty

adj. containing a lot of fat

synonym : greasy, oily

(1) less **fatty** meat, (2) **fatty** acid

You should keep away from **fatty** foods.

myelin

n. a white fatty substance that covers around nerves, helping them to send signals effectively

synonym : medulla

(1) **myelin** encasing the axons, (2) **myelin** protein

Myelin sheath allows electrical impulses to travel quickly and

efficiently along the nerve cells.

impulse

n. a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber

synonym: stimulation, provocation, urge

(1) a combative **impulse**, (2) profound religious **impulses**
Nerve **impulses** cross a synapse through the action of neurotransmitters.

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.

myelinated

adj. having a layer of myelin (= a fatty substance) around nerve fibers, which serves to insulate and speed up the transmission of nerve impulses

synonym: insulated, covered in myelin, nerve-coated

(1) **myelinated** white matter, (2) **myelinated** axons

Myelinated nerves conduct signals faster than unmyelinated nerves.

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.

dull

adj. not interesting or exciting; not bright, vivid, or shiny; not active, brisk, or sharp

synonym: insensitive, unintelligent, boring

(1) a **dull** pain, (2) **dull** sight

The trade is **dull** right now due to the collapse of the prominent investment bank.

ache

v. to experience a dull, persistent pain or discomfort, typically of moderate or low intensity; to feel a continuous dull pain

synonym : hurt, throb, smart

(1) **ache** abominably, (2) **ache** all the time

I **ache** all over after running a marathon yesterday.

tactile

adj. relating to the sense of touch; tangible or perceptible through the sense of touch

synonym : touchable, tangible, palpable

(1) **tactile** stimulation, (2) **tactile** feedback

The **tactile** sensation of the fabric was soft and smooth to the touch.

rub

v. to move one's hand or an object over the surface of something with pressure

synonym : scrub, massage, stroke

(1) **rub** shoulders, (2) **rub** a glass window

She **rubbed** the sore spot on her leg to ease the pain.

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.

temporary

adj. not lasting or be used for a very long

synonym : provisional, short-term, interim

(1) a **temporary** permit, (2) **temporary** housing

He managed to get **temporary** jobs during the recession.

relief

n. a feeling of happiness and relaxation that comes when something burdensome is removed or reduced

synonym : remedy, consolation, alleviation

(1) tax **relief**, (2) sigh of **relief**

He devoted his life to establishing a humanitarian **relief** fund.

generate

v. to produce or create something; to make offspring by reproduction

synonym: create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month

The economic stimulation program would **generate** a lot of new jobs.

flood

n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount

synonym: deluge, downpour, overflow

(1) **flood** advisory, (2) a **flood** of questions

These heavy rains caused flash **floods** on several islands.

disrupt

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym: interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

dam

n. a wall constructed over a river to block the flow of water, mainly used to generate energy

synonym: barricade, barrier, embankment

(1) **dam-building** program, (2) **dam** collapsing

The break in the **dam** threatened the valley.

underpin

v. to support or strengthen the foundations of something

synonym: support, foundation, base

(1) **underpin** a structure, (2) **underpin** democratization

The research findings **underpin** the theory that human activities cause global warming.

manifest

v. to show something such as feeling, attitude, quality, etc. clearly through signs or actions

synonym : exhibit, make plain, demonstrate

(1) **manifest** as the word, (2) **manifest** displeasure

The Prime Minister **manifested** his regret for his neighbors

autoimmune

adj. relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances

(1) insulin **autoimmune** syndrome, (2) **autoimmune** disorder

The presence of certain substances triggered the **autoimmune** response.

reaction

n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

synonym : response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

swath

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

synonym : strip, band, fodder

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

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

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**.

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.

sect

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

synonym : group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

locate

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

synonym : discover, find, place

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

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

gauge

n. an instrument for measuring and displaying the amount, level, or contents of something; (verb) to judge tentatively or form an estimate of something

synonym : measure, benchmark, judge

(1) pressure **gauge**, (2) take the **gauge** of a situation

We use various precision **gauges** in the manufacturing process of machinery.

strength

n. the quality or state of being physically, or sometimes mentally, strong

synonym : resilience, power, muscles

(1) **strength** of the economy, (2) muscular **strength**

Health and **strength** are, above all, gold.

warn

v. to make someone aware of potential danger or difficulty, particularly one that may occur in the future

synonym : alert, caution, admonish

(1) **warn** a reckless driver, (2) **warned** me of the plan
I attempted to **warn** him, but he ignored me.

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.

react

v. to take action in response to something

synonym : respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

deprive

v. to take away something from someone

synonym : deny, take away, divest

(1) **deprive** others of profit, (2) **deprive** him of his status

He was **deprived** of his freedom when sentenced to life in prison.

starvation

n. a severe lack of food that leads to malnutrition and, ultimately, death

synonym : hunger, malnutrition, emaciation

(1) die of **starvation**, (2) **starvation** wages

The drought led to widespread **starvation** in the region.

anxiety

n. a feeling of worry, nervousness, or unease about something that is happening or might happen in the future

synonym : concern, dread, agita

(1) diagnosis of **anxiety** disorder, (2) **anxiety** for knowledge

She waited for her daughter with **anxiety**.

depression

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

synonym : recession, slump, despair

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

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

immune

adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

synonym : resistant, unsusceptible, unaffected

(1) **immune** from criminal prosecution, (2) the cell of the **immune** system

The vaccination does not necessarily make you completely **immune**.

innovative

adj. introducing or using new methods, ideas, etc.

synonym : creative, ingenious, inventive

(1) use of **innovative** technology, (2) stylistically **innovative** works

The Prime Minister stressed the need to create **innovative** industries.

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.

undeniable

adj. not possible to deny; true or certain

synonym : absolute, definite, indubitable

(1) an **undeniable** fact, (2) an **undeniable** masterpiece
Her influence on teenagers is **undeniable**.

invisible

adj. impossible or nearly impossible to see

synonym : hidden, imperceptible, unseen

(1) an **invisible** asset, (2) **invisible** stars

The phenomenon is **invisible** at optical wavelengths.

navigate

v. to plan and direct the way that a ship, plane, etc. will travel, often by using a map

synonym : guide, helm, voyage

(1) **navigate** the Pacific, (2) **navigate** through a document

Our knowledge helps **navigate** our clients successfully.

Session 2: Spelling

- | | |
|----------------------------------|--|
| 1. play a vi__l role | <i>adj.</i> necessary for the success or continued existence of something |
| 2. my___n encasing the axons | <i>n.</i> a white fatty substance that covers around nerves, helping them to send signals effectively |
| 3. w__ned me of the plan | <i>v.</i> to make someone aware of potential danger or difficulty, particularly one that may occur in the future |
| 4. a d__l pain | <i>adj.</i> not interesting or exciting; not bright, vivid, or shiny; not active, brisk, or sharp |
| 5. un_____in democratization | <i>v.</i> to support or strengthen the foundations of something |
| 6. l__b amputation | <i>n.</i> an arm and leg of a person or animal |
| 7. take the ga__e of a situation | <i>n.</i> an instrument for measuring and displaying the amount, level, or contents of something; (verb) to judge tentatively or form an estimate of something |
| 8. get ne_____s | <i>adj.</i> worried and anxious about something; relating to the nerves |
| 9. a combative im_____e | <i>n.</i> a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber |
| 10. extreme tem_____res | <i>n.</i> the degree of hotness or coldness of a thing or place |

ANSWERS: 1. vital, 2. myelin, 3. warn, 4. dull, 5. underpin, 6. limb, 7. gauge, 8. nervous, 9. impulse, 10. temperature

11. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
12. increase sl____ly *adv.* in a small degree or extent; a little
13. de__h camera *n.* the distance between the top and bottom of something; between the top surface and a distance below it
14. LED-em____ed glass *adj.* fixed firmly into the surface of something
15. em____ed systems *adj.* fixed firmly into the surface of something
16. ta____e stimulation *adj.* relating to the sense of touch; tangible or perceptible through the sense of touch
17. cen____er measurement *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
18. tr____r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
19. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
20. re__y a scene *v.* to receive and pass something, such as information or a message, from one person or group to another; to broadcast something on television, radio, etc.
21. at__h a file to an e-mail *v.* to fasten, join, or connect one thing to another

ANSWERS: 11. locate, 12. slightly, 13. depth, 14. embedded, 15. embedded, 16. tactile, 17. centimeter, 18. trigger, 19. brain, 20. relay, 21. attach

22. re__t at a high temperature *v.* to take action in response to something
23. the influence of mec_____al action *adj.* operated by a machine, relating to or concerned with machinery or tools
24. an in_____le asset *adj.* impossible or nearly impossible to see
25. th_____l insulation *adj.* relating to heat or temperature; designed for or capable of producing or maintaining heat
26. w__n a reckless driver *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
27. re__y a request *v.* to receive and pass something, such as information or a message, from one person or group to another; to broadcast something on television, radio, etc.
28. 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
29. ex_____e sports *adj.* very great in amount or degree
30. ga_____c issues *adj.* relating to the stomach or the digestive system; characterized by or causing discomfort or pain in the stomach or upper abdomen
31. im___r my health *v.* to damage something or make it weaker or worse
32. an und_____le masterpiece *adj.* not possible to deny; true or certain

ANSWERS: 22. react, 23. mechanical, 24. invisible, 25. thermal, 26. warn, 27. relay, 28. symptom, 29. extreme, 30. gastric, 31. impair, 32. undeniable

33. un_____ in a structure *v.* to support or strengthen the foundations of something
34. ex_____e weather events *adj.* very great in amount or degree
35. cellular re_____or *n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
36. s__t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
37. ov_____e the process *v.* to watch and direct someone or something to make sure that it is being done correctly
38. a fl__d of questions *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
39. 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
40. a prosthetic l__b *n.* an arm and leg of a person or animal
41. in_____pt a call *v.* to say or do something that causes someone to stop in their speech or action
42. re_____te blood sugar levels *v.* to control something, especially by means of rules or laws

ANSWERS: 33. underpin, 34. extreme, 35. receptor, 36. sect, 37. oversee, 38. flood, 39. disorder, 40. limb, 41. interrupt, 42. regulate

43. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
44. li___r in the mind *v.* to stay in a place or exist longer than expected
45. pressure ga__e *n.* an instrument for measuring and displaying the amount, level, or contents of something; (verb) to judge tentatively or form an estimate of something
46. re_____te our conduct *v.* to control something, especially by means of rules or laws
47. stylistically inn_____ve works *adj.* introducing or using new methods, ideas, etc.
48. a co_____nt wind *adj.* happening repeatedly or all the time
49. co_____e chemically with another substance *v.* to join or merge to form a single thing or group
50. lo___e a tumor *v.* to specify or determine the exact position of someone or something
51. r_b shoulders *v.* to move one's hand or an object over the surface of something with pressure
52. profound religious im_____es *n.* a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber
53. a private ind_____al *n.* a single person or thing, as distinct from a group
54. res_____le action *adj.* answerable or accountable for something within one's power, control, or management

ANSWERS: 43. temperature, 44. linger, 45. gauge, 46. regulate, 47. innovative, 48. constant, 49. combine, 50. locate, 51. rub, 52. impulse, 53. individual, 54. responsible

55. im___e from criminal prosecution *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
56. a te_____ry permit *adj.* not lasting or be used for a very long
57. se___e heat *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
58. make dr_____ic changes *adj.* very sudden, very excellent, or full of action and excitement
59. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
60. a dr_____ic rescue at sea *adj.* very sudden, very excellent, or full of action and excitement
61. a se_____y organ *adj.* of or relating to the physical senses
62. an und_____le fact *adj.* not possible to deny; true or certain
63. an unexpected si__t *n.* the ability to see; anything that is seen
64. fever with neu_____cal signs *adj.* of or relating to the science of neurology or the nervous system
65. a se___e case of pneumonia *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
66. fa__y acid *adj.* containing a lot of fat
67. sl_____ly alkaline soils *adv.* in a small degree or extent; a little
68. carbon fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile

ANSWERS: 55. immune, 56. temporary, 57. severe, 58. dramatic, 59. brain, 60. dramatic, 61. sensory, 62. undeniable, 63. sight, 64. neurological, 65. severe, 66. fatty, 67. slightly, 68. fiber

69. su____ly attacked by an enemy *adv.* quickly and unexpectedly
70. tr____r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
71. tax re____f *n.* a feeling of happiness and relaxation that comes when something burdensome is removed or reduced
72. 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
73. without in____y *n.* harm done to a person's or an animal's body caused by an accident or an attack
74. def____on of structures *n.* the process of changing the physical shape or form of something, usually due to external forces or pressure
75. fl__d advisory *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
76. ge____te more electricity *v.* to produce or create something; to make offspring by reproduction
77. in____or decoration *n.* the inside or inner part of something; the space within the walls of a building
78. development of the ne____s system *adj.* worried and anxious about something; relating to the nerves
79. co____e augmented reality *v.* to join or merge to form a single thing or group

ANSWERS: 69. suddenly, 70. trigger, 71. relief, 72. nociceptor, 73. injury, 74. deformation, 75. flood, 76. generate, 77. interior, 78. nervous, 79. combine

80. a__e abominably *v.* to experience a dull, persistent pain or discomfort, typically of moderate or low intensity; to feel a continuous dull pain
81. muscular st____th *n.* the quality or state of being physically, or sometimes mentally, strong
82. in_____le stars *adj.* impossible or nearly impossible to see
83. re___n my health *v.* to get something back or recover something after it has been lost or taken away
84. ga_____c cancer *adj.* relating to the stomach or the digestive system; characterized by or causing discomfort or pain in the stomach or upper abdomen
85. die of sta_____on *n.* a severe lack of food that leads to malnutrition and, ultimately, death
86. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
87. con_____ly access information *adv.* in a way that happens without interruption or repeatedly
88. an ele_____al storm *adj.* relating to electricity
89. the root problem of her dep_____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
90. co_____t a background check *v.* to organize and carry out a particular activity
91. trigger a re_____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

ANSWERS: 80. ache, 81. strength, 82. invisible, 83. regain, 84. gastric, 85. starvation, 86. detect, 87. continually, 88. electrical, 89. depression, 90. conduct, 91. reaction

92. aw_____ss of my ignorance *n.* the fact or state of knowing something exists and is important
93. an_____y for knowledge *n.* a feeling of worry, nervousness, or unease about something that is happening or might happen in the future
94. ta_____e feedback *adj.* relating to the sense of touch; tangible or perceptible through the sense of touch
95. synthetic fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
96. mye_____ed axons *adj.* having a layer of myelin (= a fatty substance) around nerve fibers, which serves to insulate and speed up the transmission of nerve impulses
97. d_m-building program *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
98. the cell of the im___e system *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
99. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
100. vi__l for a healthy society *adj.* necessary for the success or continued existence of something
101. secret s__t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

ANSWERS: 92. awareness, 93. anxiety, 94. tactile, 95. fiber, 96. myelinated, 97. dam, 98. immune, 99. eventually, 100. vital, 101. sect

102. properly ov_____e the staff *v.* to watch and direct someone or something to make sure that it is being done correctly
103. fr_____cy band *n.* an ordered array of colors into which a light beam can be split
104. use of inn_____ve technology *adj.* introducing or using new methods, ideas, etc.
105. at___h firmly *v.* to fasten, join, or connect one thing to another
106. 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
107. a large sw__h of territory *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
108. 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
109. de_____e others of profit *v.* to take away something from someone
110. sigh of re___f *n.* a feeling of happiness and relaxation that comes when something burdensome is removed or reduced
111. ma_____st displeasure *v.* to show something such as feeling, attitude, quality, etc. clearly through signs or actions
112. a jo__t venture *adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton

ANSWERS: 102. oversee, 103. frequency, 104. innovative, 105. attach, 106. nociceptor, 107. swath, 108. symptom, 109. deprive, 110. relief, 111. manifest, 112. joint

113. taste se_____on *n.* a feeling associated with stimulation of a sense organ or with a specific body condition; a general feeling of interest and excitement
114. mye_____ed white matter *adj.* having a layer of myelin (= a fatty substance) around nerve fibers, which serves to insulate and speed up the transmission of nerve impulses
115. te___n collagen *n.* a strong, fibrous cord of tissue that connects muscle to bone
116. insulin aut_____ne syndrome *adj.* relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances
117. 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
118. diagnosis of an_____y disorder *n.* a feeling of worry, nervousness, or unease about something that is happening or might happen in the future
119. st_____th of the economy *n.* the quality or state of being physically, or sometimes mentally, strong
120. the stock market co_____sed *v.* to fall down or give way suddenly, often after breaking apart
121. te___n grafting *n.* a strong, fibrous cord of tissue that connects muscle to bone
122. di_____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

ANSWERS: 113. sensation, 114. myelinated, 115. tendon, 116. autoimmune, 117. movement, 118. anxiety, 119. strength, 120. collapse, 121. tendon, 122. diagnose

123. develop in_____e itching *adj.* (especially of a feeling) very strong; extremely sharp or severe
124. re_____or for HIV in humans *n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
125. co_____t research *v.* to organize and carry out a particular activity
126. a fatal in____y *n.* harm done to a person's or an animal's body caused by an accident or an attack
127. d_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
128. sta_____on wages *n.* a severe lack of food that leads to malnutrition and, ultimately, death
129. re__t against his way of thinking *v.* to take action in response to something
130. st____c website *adj.* not moving or not capable of moving, not changing or not capable of changing
131. pro_____ion training *n.* the sense of the relative position of one's body parts and their movement, regulated by receptors in the muscles, tendons, and joints; the ability to sense where one's body is in space without relying on vision
132. aut_____ne disorder *adj.* relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances

ANSWERS: 123. intense, 124. receptor, 125. conduct, 126. injury, 127. dam, 128. starvation, 129. react, 130. static, 131. proprioception, 132. autoimmune

133. st____h along the coast *v.* to make or be capable of making anything longer or broader without hurting or breaking
134. de____e him of his status *v.* to take away something from someone
135. protection against vi_____on *n.* a continuous quick and slight shaking movement
136. a sw__h of green grass *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
137. the bone of a jo__t *adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
138. di____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
139. som_____sor cortex *n.* a type of sensory receptor in the skin, muscles, tendons, and joints that respond to touch, pressure, temperature, or pain stimuli and sends signals to the brain for processing in the somatosensory cortex
140. con_____ly changing world *adv.* in a way that happens without interruption or repeatedly
141. people with bipolar 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

ANSWERS: 133. stretch, 134. deprive, 135. vibration, 136. swath, 137. joint, 138. disrupt, 139. somatosensor, 140. continually, 141. disorder

142. economic st____us *n.* something that causes growth or arouses action
143. less fa__y meat *adj.* containing a lot of fat
144. v__y directly with the price *v.* to become different in terms of size, shape, etc.
145. def_____on at room temperature *n.* the process of changing the physical shape or form of something, usually due to external forces or pressure
146. dull si__t *n.* the ability to see; anything that is seen
147. r_b a glass window *v.* to move one's hand or an object over the surface of something with pressure
148. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
149. im___r insulin sensitivity *v.* to damage something or make it weaker or worse
150. th_____l energy *adj.* relating to heat or temperature; designed for or capable of producing or maintaining heat
151. di_____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
152. plenty of in_____or space *n.* the inside or inner part of something; the space within the walls of a building
153. raise public aw_____ss *n.* the fact or state of knowing something exists and is important
154. abruptly in_____pt *v.* to say or do something that causes someone to stop in their speech or action

ANSWERS: 142. stimulus, 143. fatty, 144. vary, 145. deformation, 146. sight, 147. rub, 148. adapt, 149. impair, 150. thermal, 151. disrupt, 152. interior, 153. awareness, 154. interrupt

155. thirty cen_____ers tall *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
156. degree in ele_____al engineering *adj.* relating to electricity
157. a co_____nt temperature *adj.* happening repeatedly or all the time
158. the Great Dep_____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
159. na_____te through a document *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
160. te_____ry housing *adj.* not lasting or be used for a very long
161. de____t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
162. a__e all the time *v.* to experience a dull, persistent pain or discomfort, typically of moderate or low intensity; to feel a continuous dull pain
163. re____n our reputation *v.* to get something back or recover something after it has been lost or taken away
164. a response to a st_____us *n.* something that causes growth or arouses action
165. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
166. chemical re_____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

ANSWERS: 155. centimeter, 156. electrical, 157. constant, 158. depression, 159. navigate, 160. temporary, 161. detect, 162. ache, 163. regain, 164. stimulus, 165. diagnose, 166. reaction

167. in_____e heat *adj.* (especially of a feeling) very strong; extremely sharp or severe
168. d__l sight *adj.* not interesting or exciting; not bright, vivid, or shiny; not active, brisk, or sharp
169. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
170. som_____sor neuron *n.* a type of sensory receptor in the skin, muscles, tendons, and joints that respond to touch, pressure, temperature, or pain stimuli and sends signals to the brain for processing in the somatosensory cortex
171. a mec_____al style of writing *adj.* operated by a machine, relating to or concerned with machinery or tools
172. v__y according to the age *v.* to become different in terms of size, shape, etc.
173. the de__h of the water *n.* the distance between the top and bottom of something; between the top surface and a distance below it
174. a child with se_____y issues *adj.* of or relating to the physical senses
175. ge_____te \$100 a month *v.* to produce or create something; to make offspring by reproduction
176. ju__e a competition *n.* a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something
177. st_____h a story *v.* to make or be capable of making anything longer or broader without hurting or breaking

ANSWERS: 167. intense, 168. dull, 169. eventually, 170. somatosensor, 171. mechanical, 172. vary, 173. depth, 174. sensory, 175. generate, 176. judge, 177. stretch

178. sympathetic vi_____on *n.* a continuous quick and slight shaking movement
179. an associate ju__e *n.* a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something
180. sensory dea_____ion *n.* the loss or absence of sensory inputs to the brain from an area of the body, typically due to damage or loss of nerve connections
181. st___c electricity *adj.* not moving or not capable of moving, not changing or not capable of changing
182. 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
183. an epidemic outbreak of in_____za *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
184. improve pro_____ion *n.* the sense of the relative position of one's body parts and their movement, regulated by receptors in the muscles, tendons, and joints; the ability to sense where one's body is in space without relying on vision
185. cause a widespread se_____on *n.* a feeling associated with stimulation of a sense organ or with a specific body condition; a general feeling of interest and excitement

ANSWERS: 178. vibration, 179. judge, 180. deafferentation, 181. static, 182. movement, 183. influenza, 184. proprioception, 185. sensation

186. ind_____al freedom *n.* a single person or thing, as distinct from a group
187. na_____te the Pacific *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
188. li____r over your work *v.* to stay in a place or exist longer than expected
189. neu_____cal symptoms *adj.* of or relating to the science of neurology or the nervous system
190. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
191. ma_____st as the word *v.* to show something such as feeling, attitude, quality, etc. clearly through signs or actions
192. ready to co_____se *v.* to fall down or give way suddenly, often after breaking apart
193. dea_____ion-induced pain *n.* the loss or absence of sensory inputs to the brain from an area of the body, typically due to damage or loss of nerve connections
194. high fr_____cy *n.* an ordered array of colors into which a light beam can be split
195. my____n protein *n.* a white fatty substance that covers around nerves, helping them to send signals effectively
196. die su_____ly *adv.* quickly and unexpectedly
197. in_____za B strain *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

ANSWERS: 186. individual, 187. navigate, 188. linger, 189. neurological, 190. adapt, 191. manifest, 192. collapse, 193. deafferentation, 194. frequency, 195. myelin, 196. suddenly, 197. influenza

198. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management

ANSWERS: 198. responsible

Session 3: Fill in the Blanks

1. The _____ chip in my credit card allows me to make contactless payments.
adj. fixed firmly into the surface of something
2. Our knowledge helps _____ our clients successfully.
v. to plan and direct the way that a ship, plane, etc. will travel, often by using a map
3. The drought led to widespread _____ in the region.
n. a severe lack of food that leads to malnutrition and, ultimately, death
4. This book provides children with ideas and a _____ for outside recreation.
n. something that causes growth or arouses action
5. After eating spicy food, some people experience _____ distress like heartburn and indigestion.
adj. relating to the stomach or the digestive system; characterized by or causing discomfort or pain in the stomach or upper abdomen
6. Please _____ the news to the world.
v. to receive and pass something, such as information or a message, from one person or group to another; to broadcast something on television, radio, etc.
7. We must manage to _____ our expenditure.
v. to control something, especially by means of rules or laws
8. The _____ image on the screen took a lot of work to make out.
adj. not moving or not capable of moving, not changing or not capable of changing

ANSWERS: 1. embedded, 2. navigate, 3. starvation, 4. stimulus, 5. gastric, 6. relay, 7. regulate, 8. static

9. The incident _____ a political controversy.
- v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
10. I'm so sorry to _____ you when you're pretty busy.
- v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
11. I _____ all over after running a marathon yesterday.
- v.* to experience a dull, persistent pain or discomfort, typically of moderate or low intensity; to feel a continuous dull pain
12. _____ displaced part of the mechanism.
- n.* a continuous quick and slight shaking movement
13. 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
14. Hydrogen and oxygen _____ to form water.
- v.* to join or merge to form a single thing or group
15. After the summit meeting, the prime ministers issued a _____ statement.
- adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
16. Maximum heart rates _____ a lot for each individual.
- v.* to become different in terms of size, shape, etc.

ANSWERS: 9. triggered, 10. disrupt, 11. ache, 12. Vibration, 13. injury, 14. combine, 15. joint, 16. vary

17. _____ injuries are common among athletes.
n. a strong, fibrous cord of tissue that connects muscle to bone
18. He managed to get _____ jobs during the recession.
adj. not lasting or be used for a very long
19. The pond's _____ was around five feet.
n. the distance between the top and bottom of something; between the top surface and a distance below it
20. After years of hard work, he finally _____ his financial stability.
v. to get something back or recover something after it has been lost or taken away
21. The roof finally _____ after three days and three nights of heavy snowfall.
v. to fall down or give way suddenly, often after breaking apart
22. The research institute allocated a lot of money to study the cause and prevention of _____.
n. (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
23. Perseverance and optimism are _____ to success.
adj. necessary for the success or continued existence of something
24. There was a chemical _____ of the lime with the groundwater.
n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

ANSWERS: 17. Tendon, 18. temporary, 19. depth, 20. regained, 21. collapsed, 22. influenza, 23. vital, 24. reaction

25. There has been a gradual but steady rise in environmental _____.
- n.* the fact or state of knowing something exists and is important
26. He suffers from _____ breakdowns.
- adj.* worried and anxious about something; relating to the nerves
27. You should keep away from _____ foods.
- adj.* containing a lot of fat
28. The patient was diagnosed with a _____ disorder affecting their motor skills.
- adj.* of or relating to the science of neurology or the nervous system
29. 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
30. He does not _____ importance to these rumors.
- v.* to fasten, join, or connect one thing to another
31. The economic stimulation program would _____ a lot of new jobs.
- v.* to produce or create something; to make offspring by reproduction
32. The robot can accurately _____ construction material.
- v.* to specify or determine the exact position of someone or something
33. The research findings _____ the theory that human activities cause global warming.
- v.* to support or strengthen the foundations of something

ANSWERS: 25. awareness, 26. nervous, 27. fatty, 28. neurological, 29. movement, 30. attach, 31. generate, 32. locate, 33. underpin

34. The presence of certain substances triggered the _____ response.
adj. relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances
35. Some herds have been observed to _____ hundreds of kilometers.
v. to make or be capable of making anything longer or broader without hurting or breaking
36. Her influence on teenagers is _____.
adj. not possible to deny; true or certain
37. 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
38. She _____ the sore spot on her leg to ease the pain.
v. to move one's hand or an object over the surface of something with pressure
39. These heavy rains caused flash _____ on several islands.
n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount
40. We use various precision _____ in the manufacturing process of machinery.
n. an instrument for measuring and displaying the amount, level, or contents of something; (verb) to judge tentatively or form an estimate of something
41. The _____ in your skin detects touch, pressure, and temperature changes.
n. a type of sensory receptor in the skin, muscles, tendons, and joints that respond to touch, pressure, temperature, or pain stimuli and sends signals to the brain for processing in the somatosensory cortex

ANSWERS: 34. autoimmune, 35. stretch, 36. undeniable, 37. nociceptors, 38. rubbed, 39. floods, 40. gauges, 41. somatosensor

42. If you apply this ointment, you may feel a mild burning _____.
- n.* a feeling associated with stimulation of a sense organ or with a specific body condition; a general feeling of interest and excitement
43. Many famous _____ are within walking distance.
- n.* the ability to see; anything that is seen
44. The charity organization has helped to provide education to a vast _____ of the population.
- n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
45. He devoted his life to establishing a humanitarian _____ fund.
- n.* a feeling of happiness and relaxation that comes when something burdensome is removed or reduced
46. Sharks have highly developed _____ systems and are extremely sensitive creatures.
- adj.* of or relating to the physical senses
47. Who answers _____ knows little.
- adv.* quickly and unexpectedly
48. 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
49. A _____ engineer is still in demand in many companies.
- adj.* operated by a machine, relating to or concerned with machinery or tools

ANSWERS: 42. sensation, 43. sights, 44. swath, 45. relief, 46. sensory, 47. suddenly, 48. disorder, 49. mechanical

50. Treatment for _____ may involve physical therapy and other forms of rehabilitation.

n. the loss or absence of sensory inputs to the brain from an area of the body, typically due to damage or loss of nerve connections

51. 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

52. The accident made his vision _____.

v. to damage something or make it weaker or worse

53. The security camera has _____ four intruders.

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

54. You should wrap the bandage carefully and firmly around the injured _____.

n. an arm and leg of a person or animal

55. She waited for her daughter with _____.

n. a feeling of worry, nervousness, or unease about something that is happening or might happen in the future

56. _____ sheath allows electrical impulses to travel quickly and efficiently along the nerve cells.

n. a white fatty substance that covers around nerves, helping them to send signals effectively

57. Nerve _____ cross a synapse through the action of neurotransmitters.

n. a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber

ANSWERS: 50. deafferentation, 51. thermal, 52. impaired, 53. detected, 54. limb, 55. anxiety, 56. Myelin, 57. impulses

58. I advised him to _____ to his new surroundings.
v. to make fit for or change to suit a new purpose or environment
59. The Prime Minister _____ his regret for his neighbors
v. to show something such as feeling, attitude, quality, etc. clearly through signs or actions
60. The painter focused on the moody _____ of abandoned buildings in his work.
n. the inside or inner part of something; the space within the walls of a building
61. The corporation _____ dominated the entire tobacco business.
adv. finally, particularly after a long time or a lot of struggle, complications, and so on
62. Hay fever occurs when a substance called histamine binds to _____ in the nose and eyes.
n. an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
63. _____ symptoms might include a decrease in appetite and weight loss.
n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
64. Her tongue runs on _____.
adv. in a way that happens without interruption or repeatedly
65. He moved his body _____ to the left.
adv. in a small degree or extent; a little

ANSWERS: 58. adapt, 59. manifested, 60. interiors, 61. eventually, 62. receptors, 63. Depression, 64. continually, 65. slightly

66. The _____ sensation of the fabric was soft and smooth to the touch.

adj. relating to the sense of touch; tangible or perceptible through the sense of touch

67. The strict _____ ruled in favor of the plaintiff in the case.

n. a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something

68. _____ dropping wears away the stone.

adj. happening repeatedly or all the time

69. 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

70. _____ nerves conduct signals faster than unmyelinated nerves.

adj. having a layer of myelin (= a fatty substance) around nerve fibers, which serves to insulate and speed up the transmission of nerve impulses

71. The oscillator hunts for the correct _____.

n. an ordered array of colors into which a light beam can be split

72. A committee was appointed to _____ a huge budget.

v. to watch and direct someone or something to make sure that it is being done correctly

73. He was _____ of his freedom when sentenced to life in prison.

v. to take away something from someone

ANSWERS: 66. tactile, 67. judge, 68. Constant, 69. diagnose, 70. Myelinated, 71. frequency, 72. oversee, 73. deprived

74. Solar gravity creates _____ pressures and temperatures.

adj. very great in amount or degree

75. Cities around the world set records for highest _____ this summer.

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

76. Various factors, including pressure, temperature, and the application of external forces, can cause the _____ of rocks.

n. the process of changing the physical shape or form of something, usually due to external forces or pressure

77. The minority _____ believed in a set of unconventional religious practices.

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

78. Health and _____ are, above all, gold.

n. the quality or state of being physically, or sometimes mentally, strong

79. She _____ for a moment before leaving the room.

v. to stay in a place or exist longer than expected

80. I attempted to _____ him, but he ignored me.

v. to make someone aware of potential danger or difficulty, particularly one that may occur in the future

81. Police will _____ random breath testing for drunk driving.

v. to organize and carry out a particular activity

82. The statement had a _____ impact on house prices.

adj. very sudden, very excellent, or full of action and excitement

ANSWERS: 74. extreme, 75. temperatures, 76. deformation, 77. sect, 78. strength, 79. lingered, 80. warn, 81. conduct, 82. dramatic

83. The Prime Minister stressed the need to create _____ industries.
adj. introducing or using new methods, ideas, etc.
84. The vaccination does not necessarily make you completely _____.
adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
85. 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
86. That statement by the prime minister drew _____ international criticism.
adj. (especially of a feeling) very strong; extremely sharp or severe
87. The break in the ____ threatened the valley.
n. a wall constructed over a river to block the flow of water, mainly used to generate energy
88. Her sleep was _____ by recurring pain.
v. to say or do something that causes someone to stop in their speech or action
89. We must consume dietary _____ to maintain good health.
n. thread or filament used to make a vegetable tissue, mineral material, or textile
90. 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
91. The senator received _____ criticism from his opponent.
adj. extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous

ANSWERS: 83. innovative, 84. immune, 85. individual, 86. intense, 87. dam, 88. interrupted, 89. fiber, 90. symptom, 91. severe

92. 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

93. The phenomenon is _____ at optical wavelengths.

adj. impossible or nearly impossible to see

94. How did he _____ to your idea?

v. to take action in response to something

95. Athletes rely heavily on _____ to perform complex movements with precision.

n. the sense of the relative position of one's body parts and their movement, regulated by receptors in the muscles, tendons, and joints; the ability to sense where one's body is in space without relying on vision

96. Actuators convert _____ pulses into motion.

adj. relating to electricity

97. The room was only one _____ wider than the piano, making it a tight fit.

n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

98. 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

99. The trade is _____ right now due to the collapse of the prominent investment bank.

adj. not interesting or exciting; not bright, vivid, or shiny; not active, brisk, or sharp

ANSWERS: 92. brain, 93. invisible, 94. react, 95. proprioception, 96. electrical, 97. centimeter, 98. responsible, 99. dull

ANSWERS: