

Englist.me



Vocabulary Builder Reference from...

Dina Katabi: A new way to monitor vital signs (that can see through walls) | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

fascinate

v. to attract and hold the attention of someone deeply and irresistibly

synonym: captivate, intrigue, mesmerize

(1) **fascinate** the public, (2) **fascinate** the young

The magic tricks **fascinated** the children.

concentration

n. the ability to focus all your time and energy on one thing without thinking about anything else.

synonym: attention, engagement, assiduity

(1) **concentration** of armaments, (2) his research area of **concentration**

This exam requires excellent **concentration** to pass.

faculty

n. an inborn or natural ability to hear, see, think, move, etc.; a department or group of the university concerned with a major division of knowledge

synonym: capability, talent, aptitude

(1) a member of the **faculty**, (2) the illative **faculty** of the mind

This university's computer science **faculty** is world distinguished.

wireless

adj. of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals

synonym : cordless, radio

(1) **wireless** access, (2) **wireless** charging

The office's **wireless** network allows employees to work from anywhere in the building.

cellular

adj. of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires

synonym : organic, biological, nuclear

(1) **cellular** and molecular biology, (2) a **cellular** phone handset

This factory employs a **cellular** manufacturing system.

domain

n. a specific sphere of influence or control; a specific field of knowledge or expertise

synonym : territory, realm, sphere

(1) **domain** of use, (2) a dependent **domain**

The company's **domain** in the market was expanding to new territories.

nag

v. to annoy or irritate someone persistently with repeated complaints, requests, or criticism; (noun) an old or over-worked horse

synonym : hassle, bother, badger

(1) **nag** about the minor thing, (2) **nag** political leaders

She couldn't stop **nagging** her husband to take out the trash.

obstacle

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

synonym : hindrance, barrier, block

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

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

occlude

v. to obstruct or block something, usually a passage or opening, in a way that prevents normal flow or access

synonym : block, obstruct, close

(1) **occlude** a blood vessel, (2) **occlude** the ureteral orifice

The traffic jam **occluded** the road and caused a significant delay in the journey.

device

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym : gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

monitor

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

synonym : proctor, check, observe

(1) **monitor** an exam, (2) **monitor** the data carefully

They used a special receiver to **monitor** police radio channels.

dot

n. a very small circular mark, especially one that is printed

synonym : drop, dab, fleck

(1) connecting the **dots**, (2) **dot** blot method

The wallpaper had a pattern of pink **dots** on a white surface.

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.

accurate

adj. correct and exact in all details

synonym : exact, precise, proper

(1) provide **accurate** information, (2) **accurate** measurements

The official transcript contains **accurate** academic records.

purity

n. the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature

synonym : sinlessness, innocence, cleanliness

(1) the degree of **purity**, (2) high **purity**

Higher **purity** requires additional equipment and energy.

interact

v. to communicate or react with somebody

synonym : cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

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.

analogy

n. a comparison between similar things that have similar aspects, often used to help explain a principle or concept

synonym : metaphor, comparison, parallel

(1) draw **analogy**, (2) historical **analogy**

Some kinds of machine learning models show an **analogy** to how people learn.

radar

n. a technology that employs radio waves to locate items that cannot be seen

synonym : sonar, radiolocation

(1) **radar** air traffic control, (2) **radar** scanning
Radar systems cannot spot the submarine.

transmit

v. to send or forward an electronic signal; to pass something from one person or thing to another
synonym : convey, share, dispatch

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

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

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.

blast

n. explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise

synonym : blow, burst, explosion

(1) a **blast** of wind, (2) an icy **blast**

The **blast** shattered the laboratory equipment.

fry

v. to cook food, especially meat or fish, in hot fat or oil

synonym : cook, roast, bake

(1) **fry** an egg, (2) **fry** over low heat

She devoted herself to **frying** the chicken in a pan until it was crispy and golden brown.

microwave

n. a form of electromagnetic radiation with wavelengths ranging from about one millimeter to one meter and frequencies between 300 MHz (0.3 GHz) and 300 GHz; an electric oven that cooks food by exposing it to high-frequency electromagnetic radiation, which causes the food molecules to vibrate and heat up quickly

synonym : oven, waveguide, radar range

(1) **microwave** radiation, (2) **microwave** popcorn

I heated my leftover food in the **microwave** oven, which tasted just as good as freshly cooked.

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.

indoor

adj. located, happened, or used inside a building

(1) an **indoor** pool, (2) designed for **indoor** use

Table tennis is an **indoor** sport.

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**.

ceiling

n. a room's top interior surface

synonym : canopy, awning, shelter

(1) **ceiling** board, (2) **ceiling** light

There was a crack in the **ceiling** that I found.

complexity

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

synonym : intricacy, sophistication, elaboration

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

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

mess

n. a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy

synonym : disarray, confusion, predicament

(1) have a whole **mess**, (2) get into a **mess**

He made a frightful **mess** in his room.

radiology

n. the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries

synonym : medical imaging, radiography, radioscopy

(1) interventional **radiology**, (2) diagnostic **radiology**

The patient underwent a **radiology** scan to diagnose their medical condition.

evolve

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

synonym : develop, mature, grow

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

Eyeless fish **evolved** in dark caves.

revolution

n. a large-scale attempt to overthrow the government of a country, often using violence or war;

synonym : coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of wealth.

machine-learning

n. the process through which computers change the way they perform jobs without following explicit instructions by using algorithms and statistical models to analyze and draw inferences from patterns in data

(1) **machine-learning** method, (2) **machine-learning** processor

Many software engineers are developing applications to build **machine-learning** algorithms more quickly.

interpret

v. to explain or assign the meaning of information, actions, etc.

synonym : decode, decipher, analyze

(1) **interpret** a graph, (2) **interpret** the question

Different people might **interpret** this news differently.

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**.

disaster

n. an unexpected event or series of events that cause widespread damage, destruction, or loss of life

synonym : catastrophe, calamity, tragedy

(1) global **disaster**, (2) **disaster** recovery

The **disaster** response team worked around the clock to aid those affected by the earthquake.

physiological

adj. relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body

synonym : biological, organic, bodily

(1) **physiological** response, (2) **physiological** activity

The doctor explained the various **physiological** changes that occur during pregnancy.

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**.

capture

v. to catch a person or an animal and confine them in an area which they cannot escape

synonym : catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

toss

v. to throw something carelessly with a light motion

synonym: throw, sway

(1) **toss** a coin, (2) **toss** the bottle into a trash can

It would be best if you **tossed** out all those old magazines.

actigraphy

n. a method of monitoring physical activity and rest patterns over time, often used in medical research to diagnose sleep disorders or assess the effects of treatments

synonym: actometer, motion logger, motion watch

(1) objective **actigraphy** sleep measures, (2) **actigraphy** monitoring

The sleep clinic used portable **actigraphy** device to track the patient's sleep patterns over several nights.

brainwave

n. a sudden idea or inspiration; a moment of great insight or creativity

synonym: inspiration, brainstorm, revelation

(1) **brainwave** idea, (2) sudden **brainwave**

The engineer had a **brainwave** and redesigned the product to be more efficient.

REM

n. (abbreviation for rapid eye movement) a stage of sleep characterized by rapid eye movements, increased brain activity, and dreaming

(1) **REM** sleep cycle, (2) **REM** sleep behavior disorder

REM sleep deprivation has been linked to various adverse effects on mood, memory, and cognitive function.

relate

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

synonym: connect, link, associate

(1) **relate** a story, (2) **relate** a message

He tried to **relate** his experience to the group, but they couldn't understand.

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**.

disease

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

synonym : illness, ailment, affliction

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

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

disturbance

n. something that interrupts a settled and peaceful condition or that makes someone feel nervous or worried

synonym : disorder, upset, annoyance

(1) a nervous **disturbance**, (2) a **disturbance** caused by a terrorist

This building construction causes serious **disturbance** to residents.

associate

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

synonym : tie in, link, consociate

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

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

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.

Alzheimer

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

synonym: dementia, memory loss, cognitive decline

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

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

electrode

n. either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region

(1) platinum **electrodes**, (2) **electrode** corrosion

It is important to place the **electrodes** in the correct position for accurate electro-cardiogram recording.

analyze

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

synonym: explore, examine, investigate

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

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

AI

n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

synonym: robot, machine learning, neural network

(1) **AI** expert, (2) apply **AI** technology to art

The evolution of processors has dramatically improved the performance of **AI**.

- spit** v. to eject saliva or other liquid from the mouth
synonym: expectorate, saliva, spew
(1) **spit** a bullet, (2) **spit** a mouthful of saliva
She tried to **spit** out the gum that she had been chewing.
- inhale** v. to breathe in air or a different substance, such as smoke
synonym: breathe in, take in, draw in
(1) **inhale** the smoke, (2) **inhale** the aroma
He **inhaled** deeply, trying to calm down.
- exhale** v. to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
synonym: breathe out, expel, emit
(1) **exhale** a big sigh, (2) **exhale** cigarette smoke
He took a deep breath and slowly began to **exhale**.
- breath** n. the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
synonym: air, puff, whiff
(1) hold your **breath**, (2) **breath** of wind
He bated his **breath** when talking about this affair.
- steady** adj. firmly fixed, supported, or balanced; not shaking or moving
synonym: stable, solid, secure
(1) **steady** increase, (2) take a **steady** job
The patient's vital signs are **steady**, indicating a stable condition.
- zoom** v. to move along very quickly; (noun) the act of rising upward into the air
synonym: move quickly, dive, buzz
(1) **zoom** in on a photo, (2) **zoom** lens
He **zoomed** back in time to the soccer game.

blip *n.* a sudden and small, and typically temporary, change or deviation from a general trend

(1) temporary **blip**, (2) minor **blip**

The stock market had one bad **blip** today.

heartbeat *n.* the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force

synonym: beat, pulse, force

(1) **heartbeat** abnormality, (2) a pounding **heartbeat**

New York is the commercial **heartbeat** of America.

demonstrate *v.* to display something or give an exhibition to an interested audience

synonym: show, illustrate, display

(1) **demonstrate** a difference, (2) **demonstrate** mastery

How can you **demonstrate** that the earth is a sphere?

accident *n.* an unfortunate event, especially one causing damage or injury

synonym: calamity, casualty, chance

(1) cause an **accident**, (2) injury in a car **accident**

The **accident** partially destroyed my vehicle.

excite *v.* to make someone feel suddenly enthusiastic or eager

synonym: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

patient *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

synonym: client, recipient, subject

(1) **patient** in the hospital, (2) **patient** with weight loss

The doctor carefully examined the **patient's** medical history.

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.

pulmonary

adj. relating to the lungs or the respiratory system

synonym : pneumonic, respiratory, breath

(1) **pulmonary** embolism, (2) **pulmonary** function test

The patient was admitted to the hospital with **pulmonary** hypertension.

emergency

n. a sudden unforeseen crisis usually involving danger that requires immediate action

synonym : crisis, trouble, difficulty

(1) **emergency** action, (2) acute **emergency**

The president declared a state of **emergency**.

overnight

adj. lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time

synonym : all-night, sudden, immediate

(1) **overnight** parking, (2) **overnight** success

The **overnight** package delivery arrived at my door this morning.

gradual

adj. happening slowly over a long period of time or distance; not steep or abrupt

synonym : incremental, gradational, piecemeal

(1) a **gradual** process, (2) a **gradual** change

The country experienced a **gradual** increase in population.

mobility

n. the ability to move or be moved freely or easily from one place, job, or social class to another

synonym : flexibility, maneuverability

(1) lack in **mobility**, (2) improve social **mobility**
I have limited **mobility** in my arms.

intervene

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

synonym: interfere, mediate, intercede

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

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

hospitalize

v. to admit someone to a hospital for medical treatment

synonym: admit, place in hospital

(1) **hospitalize** patient, (2) **hospitalize** child

She had to be **hospitalized** due to her injuries.

deploy

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

synonym: set up, expand, launch

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

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

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**.

improvisation

n. the act of making something up on the spot or creating or performing something without preparation

synonym: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

grandparent

n. a parent of one's father or mother

(1) great- **grandparent**, (2) person of **grandparent** age

She was close to her paternal **grandparents** and often spent summers with them.

background

n. the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

synonym: ground, experience, backdrop

(1) a **background** color, (2) a criminal **background**

The company's hiring criteria emphasize personality, not a person's **background**.

degradation

n. the condition or process of changing to a lower state, or a less respected state

synonym: depravity, degeneration, deterioration

(1) **degradation** by heat, (2) live in **degradation**

Many researchers are monitoring environmental **degradation** in real-time through satellites.

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.

improve

v. to make or become better

synonym: enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

amazing

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

synonym: exceptional, extraordinary, wonderful

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

The golfer recorded an **amazing** distance.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

framework

n. the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text

synonym : structure, scheme, foundation

(1) legal **framework**, (2) the **framework** of a house

He devised a new analytical **framework** to capture the phenomenon.

ethical

adj. of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these

synonym : honorable, moral, virtuous

(1) an **ethical** doctrine, (2) shoulder **ethical** responsibility

The president must have the highest **ethical** standards.

misuse

n. the act of using something in an unsuitable way or for the wrong purpose

synonym : abuse, misemployment, mishandling

(1) the **misuse** of company money, (2) protect the database from **misuse**

Drug **misuse** is associated with mental health disorders.

consent

n. permission or agreement to do something, especially given by somebody in authority

synonym : approval, authorization, concession

(1) **consent** for surgery, (2) give silent **consent**

She gave her **consent** to the company's proposal.

integrate

v. to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

synonym : mix, merge, combine

(1) **integrate** into the existing system, (2) **integrate** both businesses

He found that it is difficult to **integrate** socially.

policy

n. a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective

synonym : strategy, plan, guideline

(1) health **policy**, (2) foreign **policy**

The company's new **policy** on remote work has made it a more inclusive workplace.

Session 2: Spelling

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|--|---|
| 1. the great di_____ry of the century | <i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known |
| 2. ev___e | <i>v.</i> to develop gradually, or to cause the development of something or someone gradually |
| 3. legal fr_____rk | <i>n.</i> the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text |
| 4. the files are in complete 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 |
| 5. inc_____le amount | <i>adj.</i> unbelievable; enormous |
| 6. risk of ch_____c disease | <i>adj.</i> being long-lasting and recurrent or characterized by long suffering; habitual |
| 7. Al_____er's risk factors | <i>n.</i> a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults |
| 8. fa_____te the young | <i>v.</i> to attract and hold the attention of someone deeply and irresistibly |
| 9. in_____ct directly with customers | <i>v.</i> to communicate or react with somebody |

ANSWERS: 1. discovery, 2. evolve, 3. framework, 4. disorder, 5. incredible, 6. chronic, 7. Alzheimer, 8. fascinate, 9. interact

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|--|--|
| 10. apply AI technology to art | <i>n.</i> (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation |
| 11. have a whole m__s | <i>n.</i> a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy |
| 12. historical an____y | <i>n.</i> a comparison between similar things that have similar aspects, often used to help explain a principle or concept |
| 13. mac_____ing processor | <i>n.</i> the process through which computers change the way they perform jobs without following explicit instructions by using algorithms and statistical models to analyze and draw inferences from patterns in data |
| 14. get into a m__s | <i>n.</i> a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy |
| 15. in_____ne between quarreling parties | <i>v.</i> to intentionally get involved in a situation to improve it or prevent it from getting worse |
| 16. re___e a message | <i>v.</i> to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something |

ANSWERS: 10. AI, 11. mess, 12. analogy, 13. machine-learning, 14. mess, 15. intervene, 16. relate

26. AI expert *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
27. ch____c alcohol consumption *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
28. tr____it information *v.* to send or forward an electronic signal; to pass something from one person or thing to another
29. an____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
30. chaotic env____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
31. cause an ac____nt *n.* an unfortunate event, especially one causing damage or injury
32. an ob____le to progress *n.* a thing that blocks one's way or prevents or hinders progress
33. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
34. shoulder et____l responsibility *adj.* of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
35. pu____ry embolism *adj.* relating to the lungs or the respiratory system

ANSWERS: 26. AI, 27. chronic, 28. transmit, 29. analyze, 30. environment, 31. accident, 32. obstacle, 33. brain, 34. ethical, 35. pulmonary

36. s__t a mouthful of saliva *v.* to eject saliva or other liquid from the mouth
37. 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
38. a dis_____ce caused by a terrorist *n.* something that interrupts a settled and peaceful condition or that makes someone feel nervous or worried
39. 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
40. mo_____r the data carefully *v.* to observe, check, and track the progress or quality of something over a period of time
41. at inc_____le speed *adj.* unbelievable; enormous
42. fa_____te the public *v.* to attract and hold the attention of someone deeply and irresistibly
43. de___y troops for battle *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
44. foreign po___y *n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
45. take a st___y job *adj.* firmly fixed, supported, or balanced; not shaking or moving

ANSWERS: 36. spit, 37. alert, 38. disturbance, 39. alert, 40. monitor, 41. incredible, 42. fascinate, 43. deploy, 44. policy, 45. steady

46. a ce____ar phone handset *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
47. ex____e cigarette smoke *v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
48. R_M sleep behavior disorder *n.* (abbreviation for rapid eye movement) a stage of sleep characterized by rapid eye movements, increased brain activity, and dreaming
49. an in____r pool *adj.* located, happened, or used inside a building
50. cognitive com____ty *n.* the state or quality of being complicated or intricate and difficult to understand
51. 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
52. em____cy action *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
53. mi____ve popcorn *n.* a form of electromagnetic radiation with wavelengths ranging from about one millimeter to one meter and frequencies between 300 MHz (0.3 GHz) and 300 GHz; an electric oven that cooks food by exposing it to high-frequency electromagnetic radiation, which causes the food molecules to vibrate and heat up quickly

ANSWERS: 46. cellular, 47. exhale, 48. REM, 49. indoor, 50. complexity, 51. movement, 52. emergency, 53. microwave

54. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
55. minor b__p *n.* a sudden and small, and typically temporary, change or deviation from a general trend
56. hos_____ze child *v.* to admit someone to a hospital for medical treatment
57. live in deg_____on *n.* the condition or process of changing to a lower state, or a less respected state
58. a fence sur_____ng a castle *adj.* that is near or around, or closely encircling something
59. ex___e a big sigh *v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
60. designed for in___r use *adj.* located, happened, or used inside a building
61. st___y increase *adj.* firmly fixed, supported, or balanced; not shaking or moving
62. temporary b__p *n.* a sudden and small, and typically temporary, change or deviation from a general trend
63. an et_____l doctrine *adj.* of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
64. oc_____e the ureteral orifice *v.* to obstruct or block something, usually a passage or opening, in a way that prevents normal flow or access
65. a gr_____l process *adj.* happening slowly over a long period of time or distance; not steep or abrupt

ANSWERS: 54. zoom, 55. blip, 56. hospitalize, 57. degradation, 58. surrounding, 59. exhale, 60. indoor, 61. steady, 62. blip, 63. ethical, 64. occlude, 65. gradual

66. re___e a story *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
67. acute em_____cy *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
68. im_____e a process *v.* to make or become better
69. sur_____ng areas *adj.* that is near or around, or closely encircling something
70. ce_____ar and molecular biology *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
71. 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
72. diagnosis of an_____y disorder *n.* a feeling of worry, nervousness, or unease about something that is happening or might happen in the future
73. wi_____ss access *adj.* of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals
74. in_____te both businesses *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

ANSWERS: 66. relate, 67. emergency, 68. improve, 69. surrounding, 70. cellular, 71. discovery, 72. anxiety, 73. wireless, 74. integrate

75. jazz imp_____ion *n.* the act of making something up on the spot or creating or performing something without preparation
76. hold your br____h *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
77. health po____y *n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
78. s__t a bullet *v.* to eject saliva or other liquid from the mouth
79. in_____te into the existing system *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
80. ev____e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
81. the illative fa_____y of the mind *n.* an inborn or natural ability to hear, see, think, move, etc.; a department or group of the university concerned with a major division of knowledge
82. f_y an egg *v.* to cook food, especially meat or fish, in hot fat or oil
83. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

ANSWERS: 75. improvisation, 76. breath, 77. policy, 78. spit, 79. integrate, 80. evolve, 81. faculty, 82. fry, 83. brain

84. 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
85. de____y safety measures *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
86. high pu____y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
87. phy_____cal response *adj.* relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body
88. in____e the smoke *v.* to breathe in air or a different substance, such as smoke
89. Al_____er's brain *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
90. the fr_____rk of a house *n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
91. br____h of wind *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs

ANSWERS: 84. disorder, 85. deploy, 86. purity, 87. physiological, 88. inhale, 89. Alzheimer, 90. framework, 91. breath

92. ov_____ht parking *adj.* lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time
93. t__s a coin *v.* to throw something carelessly with a light motion
94. ca_____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
95. connecting the d_ts *n.* a very small circular mark, especially one that is printed
96. dem_____te mastery *v.* to display something or give an exhibition to an interested audience
97. 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
98. a gr_____l change *adj.* happening slowly over a long period of time or distance; not steep or abrupt
99. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
100. in_____ct with one another *v.* to communicate or react with somebody
101. a bl__t of wind *n.* explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
102. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager

ANSWERS: 92. overnight, 93. toss, 94. capture, 95. dot, 96. demonstrate, 97. sensitive, 98. gradual, 99. capture, 100. interact, 101. blast, 102. excite

103. beginning of the industrial
rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
104. con_____ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
105. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
106. injury in a car ac_____nt *n.* an unfortunate event, especially one causing damage or injury
107. diagnostic ra_____gy *n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
108. do___n of use *n.* a specific sphere of influence or control; a specific field of knowledge or expertise
109. oc_____e a blood vessel *v.* to obstruct or block something, usually a passage or opening, in a way that prevents normal flow or access
110. the mi___e of company money *n.* the act of using something in an unsuitable way or for the wrong purpose
111. wi_____ss charging *adj.* of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals

ANSWERS: 103. revolution, 104. concentration, 105. detect, 106. accident, 107. radiology, 108. domain, 109. occlude, 110. misuse, 111. wireless

112. give silent co_____t *n.* permission or agreement to do something, especially given by somebody in authority
113. pu_____ry function test *adj.* relating to the lungs or the respiratory system
114. interventional ra_____gy *n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
115. provide ac_____te information *adj.* correct and exact in all details
116. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
117. lack in mo_____ty *n.* the ability to move or be moved freely or easily from one place, job, or social class to another
118. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
119. ce_____g light *n.* a room's top interior surface
120. a dependent do_____n *n.* a specific sphere of influence or control; a specific field of knowledge or expertise
121. sudden br_____ve *n.* a sudden idea or inspiration; a moment of great insight or creativity
122. mo_____r an exam *v.* to observe, check, and track the progress or quality of something over a period of time

ANSWERS: 112. consent, 113. pulmonary, 114. radiology, 115. accurate, 116. environment, 117. mobility, 118. amazing, 119. ceiling, 120. domain, 121. brainwave, 122. monitor

123. f_y over low heat *v.* to cook food, especially meat or fish, in hot fat or oil
124. in_____et the question *v.* to explain or assign the meaning of information, actions, etc.
125. imp_____ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation
126. mac_____ing method *n.* the process through which computers change the way they perform jobs without following explicit instructions by using algorithms and statistical models to analyze and draw inferences from patterns in data
127. se_____ve documents *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
128. ce_____g board *n.* a room's top interior surface
129. he_____at abnormality *n.* the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force
130. platinum el_____des *n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region
131. a bac_____nd color *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

ANSWERS: 123. fry, 124. interpret, 125. improvisation, 126. machine-learning, 127. sensitive, 128. ceiling, 129. heartbeat, 130. electrode, 131. background

132. ra__r scanning *n.* a technology that employs radio waves to locate items that cannot be seen
133. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
134. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
135. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
136. 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
137. as_____te alcohol with gambling *v.* to mentally connect someone or something with someone or something else
138. in___e the aroma *v.* to breathe in air or a different substance, such as smoke
139. el_____de corrosion *n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region
140. pa_____t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

ANSWERS: 132. radar, 133. disease, 134. device, 135. complexity, 136. depression, 137. associate, 138. inhale, 139. electrode, 140. patient

141. an____y for knowledge *n.* a feeling of worry, nervousness, or unease about something that is happening or might happen in the future
142. de____t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
143. dem____te a difference *v.* to display something or give an exhibition to an interested audience
144. n_g political leaders *v.* to annoy or irritate someone persistently with repeated complaints, requests, or criticism; (noun) an old or over-worked horse
145. ra__r air traffic control *n.* a technology that employs radio waves to locate items that cannot be seen
146. ex____e the crowd *v.* to make someone feel suddenly enthusiastic or eager
147. a nervous dis____ce *n.* something that interrupts a settled and peaceful condition or that makes someone feel nervous or worried
148. a criminal bac____nd *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
149. draw an____y *n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept
150. tr____it the disease *v.* to send or forward an electronic signal; to pass something from one person or thing to another

ANSWERS: 141. anxiety, 142. detect, 143. demonstrate, 144. nag, 145. radar, 146. excite, 147. disturbance, 148. background, 149. analogy, 150. transmit

151. im_____e the test score *v.* to make or become better
152. a member of the fa_____y *n.* an inborn or natural ability to hear, see, think, move, etc.; a department or group of the university concerned with a major division of knowledge
153. hos_____ze patient *v.* to admit someone to a hospital for medical treatment
154. mi_____ve radiation *n.* a form of electromagnetic radiation with wavelengths ranging from about one millimeter to one meter and frequencies between 300 MHz (0.3 GHz) and 300 GHz; an electric oven that cooks food by exposing it to high-frequency electromagnetic radiation, which causes the food molecules to vibrate and heat up quickly
155. t__s the bottle into a trash can *v.* to throw something carelessly with a light motion
156. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
157. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
158. phy_____cal activity *adj.* relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body
159. z__m lens *v.* to move along very quickly; (noun) the act of rising upward into the air

ANSWERS: 151. improve, 152. faculty, 153. hospitalize, 154. microwave, 155. toss, 156. amazing, 157. revolution, 158. physiological, 159. zoom

160. act_____hy monitoring *n.* a method of monitoring physical activity and rest patterns over time, often used in medical research to diagnose sleep disorders or assess the effects of treatments
161. 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
162. great-gra_____nt *n.* a parent of one's father or mother
163. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
164. as_____te with people widely *v.* to mentally connect someone or something with someone or something else
165. a pounding he_____at *n.* the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force
166. ov_____ht success *adj.* lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time
167. deg_____on by heat *n.* the condition or process of changing to a lower state, or a less respected state
168. person of gra_____nt age *n.* a parent of one's father or mother
169. his research area of
con_____ion *n.* the ability to focus all your time and energy on one thing without thinking about anything else.

ANSWERS: 160. actigraphy, 161. movement, 162. grandparent, 163. analyze, 164. associate, 165. heartbeat, 166. overnight, 167. degradation, 168. grandparent, 169. concentration

170. br_____ve idea *n.* a sudden idea or inspiration; a moment of great insight or creativity
171. ob_____le avoidance *n.* a thing that blocks one's way or prevents or hinders progress
172. d_t blot method *n.* a very small circular mark, especially one that is printed
173. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
174. improve social mo_____ty *n.* the ability to move or be moved freely or easily from one place, job, or social class to another
175. co_____t for surgery *n.* permission or agreement to do something, especially given by somebody in authority
176. in_____ne in a dispute *v.* to intentionally get involved in a situation to improve it or prevent it from getting worse
177. pa_____t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
178. ac_____te measurements *adj.* correct and exact in all details
179. 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

ANSWERS: 170. brainwave, 171. obstacle, 172. dot, 173. disease, 174. mobility, 175. consent, 176. intervene, 177. patient, 178. accurate, 179. depression

180. protect the database from mi___e *n.* the act of using something in an unsuitable way or for the wrong purpose

ANSWERS: 180. misuse

Session 3: Fill in the Blanks

1. The wallpaper had a pattern of pink _____ on a white surface.
n. a very small circular mark, especially one that is printed
2. It is important to place the _____ in the correct position for accurate electro-cardiogram recording.
n. either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region
3. The _____ package delivery arrived at my door this morning.
adj. lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time
4. The stock market had one bad _____ today.
n. a sudden and small, and typically temporary, change or deviation from a general trend
5. This factory employs a _____ manufacturing system.
adj. of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
6. The magic tricks _____ the children.
v. to attract and hold the attention of someone deeply and irresistibly
7. 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

ANSWERS: 1. dots, 2. electrodes, 3. overnight, 4. blip, 5. cellular, 6. fascinated, 7. brain

8. He _____ back in time to the soccer game.
- v. to move along very quickly; (noun) the act of rising upward into the air
9. He should _____ more with his colleagues.
- v. to communicate or react with somebody
10. ___ sleep deprivation has been linked to various adverse effects on mood, memory, and cognitive function.
- n. (abbreviation for rapid eye movement) a stage of sleep characterized by rapid eye movements, increased brain activity, and dreaming
11. The president must have the highest _____ standards.
- adj. of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
12. Many software engineers are developing applications to build _____ algorithms more quickly.
- n. the process through which computers change the way they perform jobs without following explicit instructions by using algorithms and statistical models to analyze and draw inferences from patterns in data
13. The patient underwent a _____ scan to diagnose their medical condition.
- n. the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
14. Parents often _____ their characteristics to their children.
- v. to send or forward an electronic signal; to pass something from one person or thing to another
15. This building construction causes serious _____ to residents.
- n. something that interrupts a settled and peaceful condition or that makes someone feel nervous or worried

ANSWERS: 8. zoomed, 9. interact, 10. REM, 11. ethical, 12. machine-learning, 13. radiology, 14. transmit, 15. disturbance

16. I was able to _____ the moment on film.

- v.* to catch a person or an animal and confine them in an area which they cannot escape

17. The patient was admitted to the hospital with _____ hypertension.

- adj.* relating to the lungs or the respiratory system

18. The sleep clinic used portable _____ device to track the patient's sleep patterns over several nights.

- n.* a method of monitoring physical activity and rest patterns over time, often used in medical research to diagnose sleep disorders or assess the effects of treatments

19. _____ 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

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

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

21. The patient's vital signs are _____ indicating a stable condition.

- adj.* firmly fixed, supported, or balanced; not shaking or moving

22. The office's _____ network allows employees to work from anywhere in the building.

- adj.* of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals

23. 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

ANSWERS: 16. capture, 17. pulmonary, 18. actigraphy, 19. Depression, 20. analyze, 21. steady, 22. wireless, 23. movement

24. Table tennis is an _____ sport.

adj. located, happened, or used inside a building

25. 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

26. How can you _____ that the earth is a sphere?

v. to display something or give an exhibition to an interested audience

27. He made a frightful _____ in his room.

n. a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy

28. 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

29. I heated my leftover food in the _____ oven, which tasted just as good as freshly cooked.

n. a form of electromagnetic radiation with wavelengths ranging from about one millimeter to one meter and frequencies between 300 MHz (0.3 GHz) and 300 GHz; an electric oven that cooks food by exposing it to high-frequency electromagnetic radiation, which causes the food molecules to vibrate and heat up quickly

30. The _____ shattered the laboratory equipment.

n. explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise

ANSWERS: 24. indoor, 25. alerted, 26. demonstrate, 27. mess, 28. environment, 29. microwave, 30. blast

31. 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

32. The engineer had a _____ and redesigned the product to be more efficient.

n. a sudden idea or inspiration; a moment of great insight or creativity

33. The official transcript contains _____ academic records.

adj. correct and exact in all details

34. He found that it is difficult to _____ socially.

v. to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

35. _____ systems cannot spot the submarine.

n. a technology that employs radio waves to locate items that cannot be seen

36. Some kinds of machine learning models show an _____ to how people learn.

n. a comparison between similar things that have similar aspects, often used to help explain a principle or concept

37. I always carry a backup _____ in case my phone runs out of battery.

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

38. Her response revealed _____ idiocy.

adj. unbelievable; enormous

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

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

ANSWERS: 31. sensitive, 32. brainwave, 33. accurate, 34. integrate, 35. Radar, 36. analogy, 37. device, 38. incredible, 39. associate

40. 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
41. The _____ partially destroyed my vehicle.
- n.* an unfortunate event, especially one causing damage or injury
42. New York is the commercial _____ of America.
- n.* the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force
43. She was close to her paternal _____ and often spent summers with them.
- n.* a parent of one's father or mother
44. The traffic jam _____ the road and caused a significant delay in the journey.
- v.* to obstruct or block something, usually a passage or opening, in a way that prevents normal flow or access
45. The company's hiring criteria emphasize personality, not a person's _____.
- n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
46. The doctor carefully examined the _____ medical history.
- n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

ANSWERS: 40. discovery, 41. accident, 42. heartbeat, 43. grandparents, 44. occluded, 45. background, 46. patient's

47. He devised a new analytical _____ to capture the phenomenon.
- n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
48. She had to be _____ due to her injuries.
- v.* to admit someone to a hospital for medical treatment
49. Drug _____ is associated with mental health disorders.
- n.* the act of using something in an unsuitable way or for the wrong purpose
50. He _____ deeply, trying to calm down.
- v.* to breathe in air or a different substance, such as smoke
51. This university's computer science _____ is world distinguished.
- n.* an inborn or natural ability to hear, see, think, move, etc.; a department or group of the university concerned with a major division of knowledge
52. The company's new _____ on remote work has made it a more inclusive workplace.
- n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
53. She gave her _____ to the company's proposal.
- n.* permission or agreement to do something, especially given by somebody in authority
54. He took a deep breath and slowly began to _____.
- v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently

ANSWERS: 47. framework, 48. hospitalized, 49. misuse, 50. inhaled, 51. faculty, 52. policy, 53. consent, 54. exhale

55. The country experienced a _____ increase in population.

adj. happening slowly over a long period of time or distance; not steep or abrupt

56. 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

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. Higher _____ requires additional equipment and energy.

n. the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature

59. The evolution of processors has dramatically improved the performance of ____.

n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

60. Following international law, our country does not _____ in the internal affairs of our neighbors.

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

61. The news of her promotion _____ her.

v. to make someone feel suddenly enthusiastic or eager

62. The doctor explained the various _____ changes that occur during pregnancy.

adj. relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body

ANSWERS: 55. gradual, 56. anxiety, 57. disorder, 58. purity, 59. AI, 60. intervene, 61.

excited, 62. physiological

63. The company's _____ in the market was expanding to new territories.
n. a specific sphere of influence or control; a specific field of knowledge or expertise
64. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
65. Different people might _____ this news differently.
v. to explain or assign the meaning of information, actions, etc.
66. _____ hyperglycemia is a trigger for a variety of serious diseases.
adj. being long-lasting and recurrent or characterized by long suffering; habitual
67. My grandmother has _____ disease requires special care and attention from her caregivers.
n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
68. We want to _____ ties between our two countries.
v. to make or become better
69. The _____ mountains make the city difficult to be invaded.
adj. that is near or around, or closely encircling something
70. He created a beautiful piece of music using only _____.
n. the act of making something up on the spot or creating or performing something without preparation
71. She couldn't stop _____ her husband to take out the trash.
v. to annoy or irritate someone persistently with repeated complaints, requests, or criticism; (noun) an old or over-worked horse

ANSWERS: 63. domain, 64. amazing, 65. interpret, 66. Chronic, 67. Alzheimer's, 68. improve, 69. surrounding, 70. improvisation, 71. nagging

72. The project's _____ made it difficult for the team to complete it on time.
n. the state or quality of being complicated or intricate and difficult to understand
73. They used a special receiver to _____ police radio channels.
v. to observe, check, and track the progress or quality of something over a period of time
74. She tried to _____ out the gum that she had been chewing.
v. to eject saliva or other liquid from the mouth
75. It would be best if you _____ out all those old magazines.
v. to throw something carelessly with a light motion
76. Many researchers are monitoring environmental _____ in real-time through satellites.
n. the condition or process of changing to a lower state, or a less respected state
77. The _____ by the citizen resulted in a redistribution of wealth.
n. a large-scale attempt to overthrow the government of a country, often using violence or war;
78. The president declared a state of _____.
n. a sudden unforeseen crisis usually involving danger that requires immediate action
79. This country _____ its weapons in the east region.
v. to move troops or weapons into a position or military action; to bring into something in an effective way

ANSWERS: 72. complexity, 73. monitor, 74. spit, 75. tossed, 76. degradation, 77. revolution, 78. emergency, 79. deployed

80. There was a crack in the _____ that I found.

n. a room's top interior surface

81. The doctor diagnosed him with a rare _____ that had no known cure.

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

82. He tried to _____ his experience to the group, but they couldn't understand.

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

83. The _____ response team worked around the clock to aid those affected by the earthquake.

n. an unexpected event or series of events that cause widespread damage, destruction, or loss of life

84. Eyeless fish _____ in dark caves.

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

85. This exam requires excellent _____ to pass.

n. the ability to focus all your time and energy on one thing without thinking about anything else.

86. The security camera has _____ four intruders.

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

87. He bated his _____ when talking about this affair.

n. the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs

ANSWERS: 80. ceiling, 81. disease, 82. relate, 83. disaster, 84. evolved, 85. concentration, 86. detected, 87. breath

88. I have limited _____ in my arms.

- n.* the ability to move or be moved freely or easily from one place, job, or social class to another

89. She devoted herself to _____ the chicken in a pan until it was crispy and golden brown.

- v.* to cook food, especially meat or fish, in hot fat or oil

90. The _____ course was challenging but fun.

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

ANSWERS: 88. mobility, 89. frying, 90. obstacle