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Vocabulary Builder Reference from...

Nathan S. Jacobs: How do schools of fish swim in harmony? | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

harmony

n. the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties

synonym: balance, accord, congruence

(1) a **harmony** of colors, (2) break a **harmony**

We worked in perfect **harmony**.

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**.

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.

conscious

adj. being aware of and able to respond to what is happening around you

synonym: aware, cognizant, deliberate

(1) **conscious** effort, (2) **conscious** of having succeeded
He became **conscious** that he was being followed.

oddly

adv. in a way that is unexpected, strange, or peculiar

synonym: strangely, peculiarly, weirdly

(1) behave **oddly**, (2) **oddly** familiar

He walked into the party with an **oddly** dressed companion, causing everyone to stare.

emergence

n. the process or fact of coming into existence or becoming apparent

synonym: appearance, emergence, rise

(1) **emergence** as a national leader, (2) re- **emergence** of rampant inflation

The **emergence** of a new virus can cause concern for public health.

spontaneous

adj. happening or being done naturally, often unexpected way, without being made to happen

synonym: willing, impulsive, intuitive

(1) a **spontaneous** behavior, (2) **spontaneous** labor

The crowd broke out into **spontaneous** laughter.

sophisticated

adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

synonym: refined, cultured, worldly

(1) **sophisticated** look, (2) a **sophisticated** lifestyle

Marketing strategies are growing more **sophisticated**.

function

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

synonym: purpose, mapping, job

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

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

stick

v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

synonym : pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick**

You **stick** a bill in the change machine, and the coins pop out.

survival

n. the state of continuing to exist or live, frequently in the face of difficulty or danger

synonym : endurance, continuity

(1) **survival** ability, (2) **survival** food

He evaluated his chances for **survival** rather pessimistically.

exhibit

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

synonym : display, expose, show

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

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

swarm

n. a group of many things, such as insects, fishes, etc., in the air or water or on the ground

synonym : horde, hive, throng

(1) a **swarm** of mosquitoes, (2) locust **swarm**

A **swarm** of angry bees attacked because we had approached the hive.

evade

v. to escape from or avoid meeting someone or something

synonym : dodge, avoid, bypass

(1) **evade** capture, (2) **evade** an issue

The jailbroken criminal is continuously attempting to **evade**

the cops.

predator

n. an animal whose natural behavior is to prey on others
synonym : vulture, bloodsucker

(1) apex **predator**, (2) sexual **predators**

The native South American animals were in danger because of the **predator's** arrival.

prey

n. the object of a hunt; an animal hunted or trapped for eating

synonym : target, quarry, chase

(1) **prey** of beast, (2) become **prey** to terrorists

The majority of snakes swallow their **prey** whole.

brilliant

adj. extremely clever, skilled, or impressive

synonym : luminous, intelligent, clever

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

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

elegant

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

synonym : refined, sophisticated, graceful

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

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

twist

v. to bend or turn something into a certain shape

synonym : wrench, turn, twirl

(1) **twist** around to the left, (2) **twist** a wet towel

He **twisted** pieces of rope out of straw.

dodge

v. to move quickly and suddenly to avoid something; to evade or sidestep

synonym : evade, sidestep, avoid

(1) **dodge** a blow, (2) **dodge** a question

She had to **dodge** the oncoming traffic to cross the busy

street safely.

shark

n. a long-bodied, mostly predatory marine fish that has sharp teeth and a pointed fin on its back; a person who is ruthless, greedy, and dishonest

synonym: swindler, con artist, crook

(1) a man-eating **shark**, (2) card **shark**

He borrowed money from a loan **shark**.

deliberate

adj. done with full consciousness of nature and effects rather than by accident

synonym: intentional, planned, careful

(1) the **deliberate** act of provocation, (2) **deliberate** attempt

Despite its advanced science and technology, the empire was **deliberate** about invasion.

coordination

n. the act of making all the people involved in a plan or activity work together effectively; the ability to control different parts of the body effectively

synonym: cooperation, teamwork, collaboration

(1) data **coordination**, (2) loss of muscle **coordination**

Synchronized swimming needs close **coordination** between six performers.

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.

minutiae

n. (plural form of "minutia") small or trivial details, often referring to specific aspects or components of a larger whole

synonym: details, specifics, particulars

(1) **minutiae** of scientific measurement, (2) irrelevant **minutiae**

She was obsessed with every **minutiae** of her wedding

planning, from the flower arrangements to the seating chart.

interaction

n. the act of connecting with someone, mainly when working, playing, or spending time with them

synonym: dealings, exchange, relations

(1) the **interaction** between man and his environment,

(2) **interaction** among human beings

The **interaction** of the two groups is good for brainstorming.

remarkable

adj. worthy of attention because unusual or special

synonym: outstanding, exceptional, extraordinary

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

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

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.

eclipse

n. an obscuring of one celestial body by another, often used to describe a lunar or solar eclipse; a period of obscurity or decline, often used to describe a decline in popularity or influence; (verb) to surpass, overshadow, or outshine someone or something

synonym: overshadow, blackout, decadence

(1) partial **eclipse**, (2) **eclipse** a competitor

People across the country gathered to watch the solar **eclipse** in wonder and amazement.

entirely

adv. completely

synonym: completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to

blame

Later, his claim was found to be **entirely** false.

entity

n. something that exists independently and has its own identity

synonym : body, object, existent

(1) legal **entity**, (2) government **entity**

A company is a distinct legal **entity**.

emerge

v. to move out of or away from something and become visible

synonym : arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty

During colonial eras, new migratory patterns **emerged**.

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.

reliable

adj. worthy of being relied on; trustworthy

synonym : dependable, trustworthy, dedicated

(1) **reliable** access, (2) guarantee **reliable** delivery

Trains are **reliable**, inexpensive, and ideal for long-distance travel.

predate

v. to have existed or happened earlier than something

synonym : foredate, antedate, precede

(1) **predate** A.D. 200., (2) **predate** the modern age

The idea of virtual worlds **predates** computers.

property

n. a thing or things that belong to someone

synonym : belongings, possessions, equity

(1) a man of **property**, (2) chemical **property**

He stood to inherit a million-dollar **property**.

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.

specific

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

synonym: particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

grain

n. wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance

synonym: seed, piece, cereal

(1) a **grain** of sand, (2) flour made from **grain**

Ordinary air purifiers cannot adequately remove pollen **grains**.

sand

n. finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action

synonym: grit, dust, powder

(1) **sand** dunes, (2) **sand** castle

The **sand** on the beach was warm and golden.

collide

v. to hit something violently when moving

synonym: clash, slam, contradict

(1) **collide** head-on, (2) **collide** in midair

The interests of the two countries **collide**.

tumble

v. to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance

synonym: fall, stumble, plummet

(1) **tumble** down the hill, (2) confidence **tumbles** as unemployment rates rose

The value of the currency **tumbled** against major international currencies.

ripple

n. a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

synonym: wave, undulation, fluctuation

(1) a **ripple** of laughter, (2) **ripple** in the water

Many businesses felt the **ripple** effect of the economy's decline.

moisture

n. small amounts of liquid, especially water, that are present in or absorbed by a substance

synonym: dampness, humidity, wetness

(1) **moisture** level, (2) lot of **moisture**

My hair looks greasy because there is too much **moisture** in the air.

atmosphere

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

synonym: air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**

The spaceship began to burn up as it approached the Earth's **atmosphere**.

bind

v. to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

synonym: tie, stick to, adhere

(1) **bind** the man's hands, (2) **bind** old letters into a bundle

The company's rules **bind** the employee's working hours.

molecule

n. a group of two or more atoms held together by attractive forces known as chemical bonds

synonym: particle, element, atom

(1) small **molecules**, (2) **molecule** behavior
The shape of the DNA **molecule** is a double helix.

radiate

v. to spread out or emit something, such as light or heat, in all directions

synonym : give off, scatter, beam

(1) **radiate** an aura, (2) **radiate** in all directions

Roads **radiate** from the famous building in the center of the city.

lattice

n. an arrangement of points or particles in a regular, repeating pattern in two or three dimensions; a structure consisting of an ornamental design made of strips of wood or metal

synonym : grid, trellis, mesh

(1) **lattice** ornament, (2) a door with a **lattice** frame

The **lattice** pattern on the fence allowed the vines to climb up and create a natural privacy screen.

snowflake

n. a small, thin, delicate piece of snow; a person, especially a young person, who is perceived as overly sensitive, easily offended, or with an inflated sense of entitlement

synonym : flake, crystal, ice pellet

(1) delicate **snowflake**, (2) **snowflake** pattern

The Christmas tree was beautifully decorated with delicate **snowflake** ornaments.

engine

n. a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

synonym : motor, locomotive, driver

(1) a steam **engine**, (2) an air-cooled **engine**

The policies he announces can be the **engine** of economic growth in the country.

neuron

n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body

synonym : nerve cell

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

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

unreliable

adj. not able to be trusted or depended on

synonym : inconsistent, erratic, undependable

(1) prove **unreliable**, (2) **unreliable** source of information

By incorrect assumption, statistics can be notoriously **unreliable**.

regardless

adv. not paying attention or considering something or someone even if the situation is bad or there are difficulties

synonym : anyhow, nevertheless, still

(1) **regardless** of the difficulties, (2) **regardless** tread

People can pick out superior products **regardless** of the quality of the advertising.

reliant

adj. needing something or something to continue, to work correctly, or to succeed

synonym : dependent, subservient

(1) heavily **reliant** on oil, (2) export- **reliant** economy

The company is heavily **reliant** on its overseas operations for revenue.

lodge

n. a small country house where people stay when they want to participate in outdoor activities; (verb) officially present a complaint, appeal, claim, etc. to the appropriate authorities

synonym : clubhouse, inn, (verb) file

(1) **lodged** a complaint against him, (2) a ski **lodge**

The final decision should be **lodged** with the chairman.

trillion

n. the number 1,000,000,000,000; a million million
(1) **trillion** cubic feet, (2) many **trillions** of dollars
One light year is nearly 6 **trillion** miles.

complicated

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze
synonym: complex, convoluted, intricate
(1) a **complicated** process, (2) become increasingly **complicated**
He did **complicated** pen-and-ink drawings in just a few days.

weird

adj. extraordinary, unexpected, or difficult to explain
synonym: bizarre, creepy, peculiar
(1) a **weird** dress, (2) the state of being **weird**
My computer has been acting **weird** recently.

recognize

v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
synonym: acknowledge, identify, admit
(1) **recognize** talent, (2) **recognize** achievement
It's important to **recognize** your strengths and weaknesses.

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.

inhibit

v. to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal
synonym: deter, hinder, impede
(1) **inhibit** desires, (2) **inhibit** tumor growth
Excessive parental interference may **inhibit** children's eagerness to learn.

circuit

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

synonym : route, course, rotation

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

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

rhythmic

adj. having a pattern of regular beats or a regular beat; characterized by rhythm

synonym : measured, metrical, cadenced

(1) a **rhythmic** stroking, (2) in a **rhythmic** pace

The **rhythmic** sound of the drums was mesmerizing.

loop

n. a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself

synonym : circle, curl, spiral

(1) exit from a **loop**, (2) positive feedback **loop**

Many people in this city use the **loop** railway for transportation.

ramp

n. a sloping surface connecting two levels or inclines, typically used for the movement of people, vehicles, or goods

synonym : slope, incline, gradient

(1) the **ramp** of a chasm, (2) an exit **ramp**

The wheelchair user needed a **ramp** to access the building's entrance.

coincidence

n. an occasion when two or more similar things happen at the same time by chance, in a surprising way

synonym : co-occurrence, concurrency, accident

(1) the **coincidence** of an opinion, (2) by a strange **coincidence**

It was a pure **coincidence** that we met her in the library.

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.

disinhibition

n. the reduction or absence of inhibitions or restraints, leading to a loss of self-control or restraint in expressing one's thoughts, feelings, or behaviors

synonym : uninhibition, lack of restraint, impulsiveness

(1) social **disinhibition**, (2) dementia-related **disinhibition**

His behavioral **disinhibition** after the brain injury has created challenges in his everyday life.

brake

n. a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels

synonym : damper, restraint, check

(1) apply the **brake**, (2) **brake** pedal

The results of that election put a **brake** on political reform.

increasingly

adv. more and more

synonym : more and more, progressively

(1) **increasingly** become common, (2) face **increasingly** complicated challenges

Our company found it **increasingly** difficult to keep up with the competition.

chaotic

adj. without any order or organization; extremely disorganized, unpredictable, and confusing

synonym : disorderly, cluttered, topsy-turvy

(1) the **chaotic** economic situation, (2) **chaotic** theory

Change is also occurring in Turkey as a result of **chaotic** reform.

trajectory

n. the curved path followed by an object moving through space

synonym : course, curve, orbit

(1) career **trajectory**, (2) a **trajectory** missile

The company has shown an excellent growth **trajectory** over the years.

chaos

n. a state of complete confusion or disorder, often characterized by a lack of predictability or control

synonym: disorder, turmoil, confusion

(1) **chaos** theory, (2) midst of **chaos**

The conference room was in **chaos** as everyone tried to speak at once.

reproducibility

n. the ability of an experiment, study, or result to be replicated or repeated by different researchers or laboratories, often seen as a key aspect of scientific rigor

synonym: repeatability, replicability, consistency

(1) **reproducibility** measure, (2) scientific **reproducibility**

The researchers spent considerable effort to ensure the **reproducibility** of their experiments.

emergent

adj. starting to exist or view, or to become known

synonym: coming, appearing, developing

(1) **emergent** repair of an aorta, (2) an **emergent** republic

Extensive areas of **emergent** plants are usually called marsh.

sufficient

adj. adequate; enough for a particular purpose or requirement

synonym: acceptable, ample, satisfactory

(1) **sufficient** time, (2) self- **sufficient** economy

That candidate does not have **sufficient** means to win an election with certainty.

biology

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

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology**

class.

origin

n. the first existence or beginning of something

synonym: root, source, ancestor

(1) **origin** of information, (2) racial **origin**

There are various hypotheses concerning the **origin** of life.

mention

v. to speak or write about something or someone briefly

synonym: reference, allude, cite

(1) **mention** name, (2) **mention** in a report

I **mentioned** to him that I had seen his sister at the grocery store earlier that day.

phenomenon

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

synonym: marvel, wonder, splendor

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

A rainbow is a natural **phenomenon**.

vast

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

synonym: expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

characteristic

n. a typical feature or quality that can identify, tell apart, or describe something or somebody

synonym: feature, quality, attribute

(1) stripes **characteristic** of the zebra, (2) my friend's **characteristic** laugh

Bananas have their **characteristic** taste and odor.

display

v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

synonym: show, exhibit, present

(1) **display** merchandise, (2) **display** artwork

We need to **display** our products in an attractive way to attract customers.

molecular

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

synonym : microscopic, atomic

(1) **molecular** structure, (2) **molecular** biology

Molecular weight is the sum of all the atoms.

pandemonium

n. wild and noisy chaos, uproar, or confusion; a state of disorder or tumult

synonym : chaos, bedlam, mayhem

(1) **pandemonium** in the stadium, (2) noisy **pandemonium**

The chaotic concert turned into **pandemonium** when the band took the stage.

tangle

n. a confused mass of something twisted together

synonym : knot, snarl, entanglement

(1) in a **tangle**, (2) **tangle** wires

The cords behind my computer were a **tangled** mess.

thicket

n. a dense group of trees, shrubs, or other plants, often forming an impenetrable barrier; a tangle or cluster of something that obstructs or impedes progress or movement

synonym : thorn patch, bramble, copse

(1) dense **thicket**, (2) **thicket** of bushes

The hikers had to cut through the **thicket** to descend the mountain.

identity

n. the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another

synonym : character, personality, individuality

(1) mistaken **identity**, (2) **identity** as an individual

The terrorist's **identity** remains unknown.

structure

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

synonym: construction, architecture, establishment

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

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

economy

n. the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

synonym: finance, trade, business

(1) **economy** of scale, (2) **economy** class

The **economy** of the country is struggling due to the recent political instability.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

Session 2: Spelling

1. inc_____gly become common *adv.* more and more
2. br_____nt performance *adj.* extremely clever, skilled, or impressive
3. social dis_____ion *n.* the reduction or absence of inhibitions or restraints, leading to a loss of self-control or restraint in expressing one's thoughts, feelings, or behaviors
4. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
5. noisy pan_____um *n.* wild and noisy chaos, uproar, or confusion; a state of disorder or tumult
6. become p__y to terrorists *n.* the object of a hunt; an animal hunted or trapped for eating
7. a private ind_____al *n.* a single person or thing, as distinct from a group
8. em_____ce as a national leader *n.* the process or fact of coming into existence or becoming apparent
9. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
10. by a strange coi_____ce *n.* an occasion when two or more similar things happen at the same time by chance, in a surprising way
11. br__e pedal *n.* a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels

ANSWERS: 1. increasingly, 2. brilliant, 3. disinhibition, 4. molecule, 5. pandemonium, 6. prey, 7. individual, 8. emergence, 9. complexity, 10. coincidence, 11. brake

12. prove unr_____le *adj.* not able to be trusted or depended on
13. legal en___y *n.* something that exists independently and has its own identity
14. historical phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
15. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
16. ta___e wires *n.* a confused mass of something twisted together
17. re_____le access *adj.* worthy of being relied on; trustworthy
18. lo__ed a complaint against him *n.* a small country house where people stay when they want to participate in outdoor activities; (verb) officially present a complaint, appeal, claim, etc. to the appropriate authorities
19. co_____us effort *adj.* being aware of and able to respond to what is happening around you
20. tu___e down the hill *v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance

ANSWERS: 12. unreliable, 13. entity, 14. phenomenon, 15. function, 16. tangle, 17. reliable, 18. lodge, 19. conscious, 20. tumble

21. small mo____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
22. em___e from poverty *v.* to move out of or away from something and become visible
23. government en____y *n.* something that exists independently and has its own identity
24. an exit r__p *n.* a sloping surface connecting two levels or inclines, typically used for the movement of people, vehicles, or goods
25. positive feedback l__p *n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
26. chemical pr____ty *n.* a thing or things that belong to someone
27. guarantee re____le delivery *adj.* worthy of being relied on; trustworthy
28. locust sw__m *n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground
29. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
30. flour made from gr__n *n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
31. a ri___e of laughter *n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

ANSWERS: 21. molecule, 22. emerge, 23. entity, 24. ramp, 25. loop, 26. property, 27. reliable, 28. swarm, 29. complicated, 30. grain, 31. ripple

32. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
33. a sop_____ted lifestyle *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
34. ch__s theory *n.* a state of complete confusion or disorder, often characterized by a lack of predictability or control
35. an air-cooled en____e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
36. a gr__n of sand *n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
37. a we__d dress *adj.* extraordinary, unexpected, or difficult to explain
38. racial or____n *n.* the first existence or beginning of something
39. pl____t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
40. rem_____le achievement *adj.* worthy of attention because unusual or special
41. scientific rep_____ity *n.* the ability of an experiment, study, or result to be replicated or repeated by different researchers or laboratories, often seen as a key aspect of scientific rigor

ANSWERS: 32. complicated, 33. sophisticated, 34. chaos, 35. engine, 36. grain, 37. weird, 38. origin, 39. planet, 40. remarkable, 41. reproducibility

48. ra_____e in all directions *v.* to spread out or emit something, such as light or heat, in all directions
49. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
50. id_____ty as an individual *n.* the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another
51. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
52. the coi_____ce of an opinion *n.* an occasion when two or more similar things happen at the same time by chance, in a surprising way
53. p__y of beast *n.* the object of a hunt; an animal hunted or trapped for eating
54. em_____nt repair of an aorta *adj.* starting to exist or view, or to become known
55. stripes cha_____tic of the zebra *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
56. federal ci_____t courts *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
57. industry-sp_____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 48. radiate, 49. detect, 50. identity, 51. specific, 52. coincidence, 53. prey, 54. emergent, 55. characteristic, 56. circuit, 57. specific

67. ne___n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
68. irrelevant mi_____ae *n.* (plural form of "minutia") small or trivial details, often referring to specific aspects or components of a larger whole
69. my friend's cha_____tic laugh *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
70. mi_____ae of scientific measurement *n.* (plural form of "minutia") small or trivial details, often referring to specific aspects or components of a larger whole
71. a steam en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
72. mo_____ar structure *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
73. a man of pr_____ty *n.* a thing or things that belong to someone
74. a sw__m of mosquitoes *n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground
75. ch_____c theory *adj.* without any order or organization; extremely disorganized, unpredictable, and confusing

ANSWERS: 67. neuron, 68. minutiae, 69. characteristic, 70. minutiae, 71. engine, 72. molecular, 73. property, 74. swarm, 75. chaotic

76. st__k a key in a lock
v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
77. b__d old letters into a bundle
v. to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
78. apply the br__e
n. a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels
79. he was en____ly to blame
adv. completely
80. s__d castle
n. finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
81. dense th____t
n. a dense group of trees, shrubs, or other plants, often forming an impenetrable barrier; a tangle or cluster of something that obstructs or impedes progress or movement
82. a rh____ic stroking
adj. having a pattern of regular beats or a regular beat; characterized by rhythm
83. the state of being we__d
adj. extraordinary, unexpected, or difficult to explain
84. mo____re level
n. small amounts of liquid, especially water, that are present in or absorbed by a substance

ANSWERS: 76. stick, 77. bind, 78. brake, 79. entirely, 80. sand, 81. thicket, 82. rhythmic, 83. weird, 84. moisture

85. heavily re_____t on oil *adj.* needing something or something to continue, to work correctly, or to succeed
86. the int_____on between man and his environment *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
87. apex pr_____or *n.* an animal whose natural behavior is to prey on others
88. spo_____us labor *adj.* happening or being done naturally, often unexpected way, without being made to happen
89. ev___e an issue *v.* to escape from or avoid meeting someone or something
90. a ski lo___e *n.* a small country house where people stay when they want to participate in outdoor activities; (verb) officially present a complaint, appeal, claim, etc. to the appropriate authorities
91. dementia-related dis_____ion *n.* the reduction or absence of inhibitions or restraints, leading to a loss of self-control or restraint in expressing one's thoughts, feelings, or behaviors
92. do___e a question *v.* to move quickly and suddenly to avoid something; to evade or sidestep
93. natural phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
94. ri___e in the water *n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

ANSWERS: 85. reliant, 86. interaction, 87. predator, 88. spontaneous, 89. evade, 90. lodge, 91. disinhibition, 92. dodge, 93. phenomenon, 94. ripple

95. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
96. 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
97. lot of mo____re *n.* small amounts of liquid, especially water, that are present in or absorbed by a substance
98. re____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
99. ex____e rebellion *v.* to make someone feel suddenly enthusiastic or eager
100. ex____t a great talent *v.* to show something in public for people to enjoy or to provide them with information
101. many tr____ons of dollars *n.* the number 1,000,000,000,000; a million million
102. v__t majority *adj.* enormous in size, number, amount, or quantity
103. sn____ke pattern *n.* a small, thin, delicate piece of snow; a person, especially a young person, who is perceived as overly sensitive, easily offended, or with an inflated sense of entitlement
104. v__t desert *adj.* enormous in size, number, amount, or quantity

ANSWERS: 95. biology, 96. movement, 97. moisture, 98. recognize, 99. excite, 100. exhibit, 101. trillion, 102. vast, 103. snowflake, 104. vast

105. reg_____ss tread *adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties
106. write el_____t sentences *adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement
107. cause an ac_____nt *n.* an unfortunate event, especially one causing damage or injury
108. fire st__k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
109. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
110. carbon dioxide in the atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
111. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
112. del_____te attempt *adj.* done with full consciousness of nature and effects rather than by accident
113. an em_____nt republic *adj.* starting to exist or view, or to become known
114. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things

ANSWERS: 105. regardless, 106. elegant, 107. accident, 108. stick, 109. brain, 110. atmosphere, 111. recognize, 112. deliberate, 113. emergent, 114. biology

115. br_____nt idea	<i>adj.</i> extremely clever, skilled, or impressive
116. di_____y artwork	<i>v.</i> to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
117. in_____t desires	<i>v.</i> to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal
118. a man-eating sh__k	<i>n.</i> a long-bodied, mostly predatory marine fish that has sharp teeth and a pointed fin on its back; a person who is ruthless, greedy, and dishonest
119. cognitive com_____ty	<i>n.</i> the state or quality of being complicated or intricate and difficult to understand
120. save the pl____t	<i>n.</i> any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
121. tw__t a wet towel	<i>v.</i> to bend or turn something into a certain shape
122. ci_____t breaker	<i>n.</i> (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
123. di_____y merchandise	<i>v.</i> to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
124. unr_____le source of information	<i>adj.</i> not able to be trusted or depended on

ANSWERS: 115. brilliant, 116. display, 117. inhibit, 118. shark, 119. complexity, 120. planet, 121. twist, 122. circuit, 123. display, 124. unreliable

125. face inc_____gly complicated challenges *adv.* more and more
126. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
127. immune fu_____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
128. career tra_____ry *n.* the curved path followed by an object moving through space
129. the r__p of a chasm *n.* a sloping surface connecting two levels or inclines, typically used for the movement of people, vehicles, or goods
130. a spo_____us behavior *adj.* happening or being done naturally, often unexpected way, without being made to happen
131. tr_____on cubic feet *n.* the number 1,000,000,000,000; a million million
132. export-re_____t economy *adj.* needing something or something to continue, to work correctly, or to succeed
133. the del_____te act of provocation *adj.* done with full consciousness of nature and effects rather than by accident

ANSWERS: 125. increasingly, 126. structure, 127. function, 128. trajectory, 129. ramp, 130. spontaneous, 131. trillion, 132. reliant, 133. deliberate

134. card sh__k *n.* a long-bodied, mostly predatory marine fish that has sharp teeth and a pointed fin on its back; a person who is ruthless, greedy, and dishonest
135. tw__t around to the left *v.* to bend or turn something into a certain shape
136. su____al ability *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
137. co____e head-on *v.* to hit something violently when moving
138. reg____ss of the difficulties *adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties
139. ra____e an aura *v.* to spread out or emit something, such as light or heat, in all directions
140. behave od__y *adv.* in a way that is unexpected, strange, or peculiar
141. co____e in midair *v.* to hit something violently when moving
142. a convivial atm____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
143. su____al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
144. int____on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
145. ind____al freedom *n.* a single person or thing, as distinct from a group

ANSWERS: 134. shark, 135. twist, 136. survival, 137. collide, 138. regardless, 139. radiate, 140. oddly, 141. collide, 142. atmosphere, 143. survival, 144. interaction, 145. individual

146. delicate sn_____ke *n.* a small, thin, delicate piece of snow; a person, especially a young person, who is perceived as overly sensitive, easily offended, or with an inflated sense of entitlement
147. s__d dunes *n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
148. break a ha_____y *n.* the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties
149. injury in a car ac_____nt *n.* an unfortunate event, especially one causing damage or injury
150. el_____t design *adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement
151. pr_____e A.D. 200. *v.* to have existed or happened earlier than something
152. exit from a l__p *n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
153. do__e a blow *v.* to move quickly and suddenly to avoid something; to evade or sidestep
154. co_____us of having succeeded *adj.* being aware of and able to respond to what is happening around you

ANSWERS: 146. snowflake, 147. sand, 148. harmony, 149. accident, 150. elegant, 151. predate, 152. loop, 153. dodge, 154. conscious

155. em___e as a butterfly *v.* to move out of or away from something and become visible
156. loss of muscle coo_____ion *n.* the act of making all the people involved in a plan or activity work together effectively; the ability to control different parts of the body effectively
157. la_____e ornament *n.* an arrangement of points or particles in a regular, repeating pattern in two or three dimensions; a structure consisting of an ornamental design made of strips of wood or metal
158. re-em_____ce of rampant inflation *n.* the process or fact of coming into existence or becoming apparent
159. the ch_____c economic situation *adj.* without any order or organization; extremely disorganized, unpredictable, and confusing
160. ex_____t a bad attitude *v.* to show something in public for people to enjoy or to provide them with information
161. b__d the man's hands *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
162. de___t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
163. self-suf_____nt economy *adj.* adequate; enough for a particular purpose or requirement
164. in_____ct directly with customers *v.* to communicate or react with somebody

ANSWERS: 155. emerge, 156. coordination, 157. lattice, 158. emergence, 159. chaotic, 160. exhibit, 161. bind, 162. detect, 163. sufficient, 164. interact

165. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
166. a ha_____y of colors *n.* the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties
167. pan_____um in the stadium *n.* wild and noisy chaos, uproar, or confusion; a state of disorder or tumult
168. me_____n in a report *v.* to speak or write about something or someone briefly
169. 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
170. ec_____e a competitor *n.* an obscuring of one celestial body by another, often used to describe a lunar or solar eclipse; a period of obscurity or decline, often used to describe a decline in popularity or influence; (verb) to surpass, overshadow, or outshine someone or something
171. sexual pr_____ors *n.* an animal whose natural behavior is to prey on others
172. suf_____nt time *adj.* adequate; enough for a particular purpose or requirement
173. excite the ne_____ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

ANSWERS: 165. structure, 166. harmony, 167. pandemonium, 168. mention, 169. movement, 170. eclipse, 171. predator, 172. sufficient, 173. neuron

174. rep_____ity measure *n.* the ability of an experiment, study, or result to be replicated or repeated by different researchers or laboratories, often seen as a key aspect of scientific rigor
175. midst of ch__s *n.* a state of complete confusion or disorder, often characterized by a lack of predictability or control
176. en_____ly satisfied with the meal *adv.* completely
177. in_____ct with one another *v.* to communicate or react with somebody
178. ex_____e the crowd *v.* to make someone feel suddenly enthusiastic or eager
179. pr_____e the modern age *v.* to have existed or happened earlier than something
180. in a ta_____e *n.* a confused mass of something twisted together
181. in a rh_____ic pace *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
182. or_____n of information *n.* the first existence or beginning of something
183. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
184. od__y familiar *adv.* in a way that is unexpected, strange, or peculiar

ANSWERS: 174. reproducibility, 175. chaos, 176. entirely, 177. interact, 178. excite, 179. predate, 180. tangle, 181. rhythmic, 182. origin, 183. brain, 184. oddly

Session 3: Fill in the Blanks

1. The _____ sound of the drums was mesmerizing.
adj. having a pattern of regular beats or a regular beat; characterized by rhythm
2. An intelligent battery has a voltage monitoring _____.
n. (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
3. My computer has been acting _____ recently.
adj. extraordinary, unexpected, or difficult to explain
4. 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
5. He became _____ that he was being followed.
adj. being aware of and able to respond to what is happening around you
6. There are various hypotheses concerning the _____ of life.
n. the first existence or beginning of something
7. That candidate does not have _____ means to win an election with certainty.
adj. adequate; enough for a particular purpose or requirement
8. The interests of the two countries _____.
v. to hit something violently when moving

ANSWERS: 1. rhythmic, 2. circuit, 3. weird, 4. movement, 5. conscious, 6. origin, 7. sufficient, 8. collide

9. She wore an _____ evening gown to the gala.
adj. pleasing and graceful in appearance or manner, or showing good taste and refinement
10. _____ weight is the sum of all the atoms.
adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
11. The election was a _____ success for the Whigs.
adj. worthy of attention because unusual or special
12. The idea of virtual worlds _____ computers.
v. to have existed or happened earlier than something
13. The _____ of the country is struggling due to the recent political instability.
n. the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
14. The news of her promotion _____ her.
v. to make someone feel suddenly enthusiastic or eager
15. Ordinary air purifiers cannot adequately remove pollen _____.
n. wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
16. The company has shown an excellent growth _____ over the years.
n. the curved path followed by an object moving through space

ANSWERS: 9. elegant, 10. Molecular, 11. remarkable, 12. predates, 13. economy, 14. excited, 15. grains, 16. trajectory

17. The majority of snakes swallow their _____ whole.
n. the object of a hunt; an animal hunted or trapped for eating
18. 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
19. The jailbroken criminal is continuously attempting to _____ the cops.
v. to escape from or avoid meeting someone or something
20. Synchronized swimming needs close _____ between six performers.
n. the act of making all the people involved in a plan or activity work together effectively; the ability to control different parts of the body effectively
21. The organizational _____ of start-ups is often flat and straightforward.
n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
22. Excessive parental interference may _____ children's eagerness to learn.
v. to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal
23. The researchers spent considerable effort to ensure the _____ of their experiments.
n. the ability of an experiment, study, or result to be replicated or repeated by different researchers or laboratories, often seen as a key aspect of scientific rigor
24. The spaceship began to burn up as it approached the Earth's _____.
n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

ANSWERS: 17. prey, 18. complexity, 19. evade, 20. coordination, 21. structure, 22. inhibit, 23. reproducibility, 24. atmosphere

25. He should _____ more with his colleagues.

v. to communicate or react with somebody

26. The hikers had to cut through the _____ to descend the mountain.

n. a dense group of trees, shrubs, or other plants, often forming an impenetrable barrier; a tangle or cluster of something that obstructs or impedes progress or movement

27. He did _____ pen-and-ink drawings in just a few days.

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

28. The _____ of the two groups is good for brainstorming.

n. the act of connecting with someone, mainly when working, playing, or spending time with them

29. A rainbow is a natural _____.

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

30. Roads _____ from the famous building in the center of the city.

v. to spread out or emit something, such as light or heat, in all directions

31. The _____ pattern on the fence allowed the vines to climb up and create a natural privacy screen.

n. an arrangement of points or particles in a regular, repeating pattern in two or three dimensions; a structure consisting of an ornamental design made of strips of wood or metal

32. We worked in perfect _____.

n. the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties

ANSWERS: 25. interact, 26. thicket, 27. complicated, 28. interaction, 29. phenomenon, 30. radiate, 31. lattice, 32. harmony

33. The wheelchair user needed a _____ to access the building's entrance.
- n.* a sloping surface connecting two levels or inclines, typically used for the movement of people, vehicles, or goods
34. People can pick out superior products _____ of the quality of the advertising.
- adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties
35. Marketing strategies are growing more _____.
- adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
36. You _____ a bill in the change machine, and the coins pop out.
- v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
37. The _____ on the beach was warm and golden.
- n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
38. His behavioral _____ after the brain injury has created challenges in his everyday life.
- n.* the reduction or absence of inhibitions or restraints, leading to a loss of self-control or restraint in expressing one's thoughts, feelings, or behaviors
39. We need to _____ our products in an attractive way to attract customers.
- v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

ANSWERS: 33. ramp, 34. regardless, 35. sophisticated, 36. stick, 37. sand, 38. disinhibition, 39. display

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

adj. extremely clever, skilled, or impressive

41. The _____ of a new virus can cause concern for public health.

n. the process or fact of coming into existence or becoming apparent

42. The security camera has _____ four intruders.

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

43. The native South American animals were in danger because of the _____ arrival.

n. an animal whose natural behavior is to prey on others

44. Trains are _____ inexpensive, and ideal for long-distance travel.

adj. worthy of being relied on; trustworthy

45. The scientist conducted a study that provided _____ details about the species' behavior.

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

46. The cords behind my computer were a _____ mess.

n. a confused mass of something twisted together

47. The brain is an incredibly complex organ that controls the body's _____.

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

ANSWERS: 40. brilliant, 41. emergence, 42. detected, 43. predator's, 44. reliable, 45. specific, 46. tangled, 47. function

48. A _____ of angry bees attacked because we had approached the hive.
n. a group of many things, such as insects, fishes, etc., in the air or water or on the ground
49. It was a pure _____ that we met her in the library.
n. an occasion when two or more similar things happen at the same time by chance, in a surprising way
50. He stood to inherit a million-dollar _____.
n. a thing or things that belong to someone
51. By incorrect assumption, statistics can be notoriously _____.
adj. not able to be trusted or depended on
52. She was obsessed with every _____ of her wedding planning, from the flower arrangements to the seating chart.
n. (plural form of "minutia") small or trivial details, often referring to specific aspects or components of a larger whole
53. 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
54. During colonial eras, new migratory patterns _____.
v. to move out of or away from something and become visible
55. The chaotic concert turned into _____ when the band took the stage.
n. wild and noisy chaos, uproar, or confusion; a state of disorder or tumult

ANSWERS: 48. swarm, 49. coincidence, 50. property, 51. unreliable, 52. minutiae, 53. individual, 54. emerged, 55. pandemonium

56. Despite its advanced science and technology, the empire was _____ about invasion.

adj. done with full consciousness of nature and effects rather than by accident

57. The policies he announces can be the _____ of economic growth in the country.

n. a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

58. The company is heavily _____ on its overseas operations for revenue.

adj. needing something or something to continue, to work correctly, or to succeed

59. The shape of the DNA _____ is a double helix.

n. a group of two or more atoms held together by attractive forces known as chemical bonds

60. The final decision should be _____ with the chairman.

n. a small country house where people stay when they want to participate in outdoor activities; (verb) officially present a complaint, appeal, claim, etc. to the appropriate authorities

61. She had to _____ the oncoming traffic to cross the busy street safely.

v. to move quickly and suddenly to avoid something; to evade or sidestep

62. A company is a distinct legal _____.

n. something that exists independently and has its own identity

63. The _____ partially destroyed my vehicle.

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

ANSWERS: 56. deliberate, 57. engine, 58. reliant, 59. molecule, 60. lodged, 61. dodge, 62. entity, 63. accident

64. Bananas have their _____ taste and odor.

n. a typical feature or quality that can identify, tell apart, or describe something or somebody

65. Extensive areas of _____ plants are usually called marsh.

adj. starting to exist or view, or to become known

66. He walked into the party with an _____ dressed companion, causing everyone to stare.

adv. in a way that is unexpected, strange, or peculiar

67. The company's rules _____ the employee's working hours.

v. to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

68. Change is also occurring in Turkey as a result of _____ reform.

adj. without any order or organization; extremely disorganized, unpredictable, and confusing

69. He _____ pieces of rope out of straw.

v. to bend or turn something into a certain shape

70. The Christmas tree was beautifully decorated with delicate _____ ornaments.

n. a small, thin, delicate piece of snow; a person, especially a young person, who is perceived as overly sensitive, easily offended, or with an inflated sense of entitlement

71. Mercury is the closest _____ to the sun.

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 64. characteristic, 65. emergent, 66. oddly, 67. bind, 68. chaotic, 69. twisted, 70. snowflake, 71. planet

72. I _____ to him that I had seen his sister at the grocery store earlier that day.
v. to speak or write about something or someone briefly
73. A _____ audience viewed the broadcast.
adj. enormous in size, number, amount, or quantity
74. People across the country gathered to watch the solar _____ in wonder and amazement.
n. an obscuring of one celestial body by another, often used to describe a lunar or solar eclipse; a period of obscurity or decline, often used to describe a decline in popularity or influence; (verb) to surpass, overshadow, or outshine someone or something
75. Our company found it _____ difficult to keep up with the competition.
adv. more and more
76. Many people in this city use the _____ railway for transportation.
n. a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
77. The results of that election put a _____ on political reform.
n. a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels
78. The crowd broke out into _____ laughter.
adj. happening or being done naturally, often unexpected way, without being made to happen
79. The value of the currency _____ against major international currencies.
v. to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance

ANSWERS: 72. mentioned, 73. vast, 74. eclipse, 75. increasingly, 76. loop, 77. brake, 78. spontaneous, 79. tumbled

80. One light year is nearly 6 _____ miles.

n. the number 1,000,000,000,000; a million million

81. Later, his claim was found to be _____ false.

adv. completely

82. He borrowed money from a loan _____.

n. a long-bodied, mostly predatory marine fish that has sharp teeth and a pointed fin on its back; a person who is ruthless, greedy, and dishonest

83. 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

84. It's important to _____ your strengths and weaknesses.

v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

85. Our body transfers information along each _____ using an electrical impulse.

n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body

86. He evaluated his chances for _____ rather pessimistically.

n. the state of continuing to exist or live, frequently in the face of difficulty or danger

87. The conference room was in _____ as everyone tried to speak at once.

n. a state of complete confusion or disorder, often characterized by a lack of predictability or control

ANSWERS: 80. trillion, 81. entirely, 82. shark, 83. brain, 84. recognize, 85. neuron, 86. survival, 87. chaos

88. The terrorist's _____ remains unknown.

- n.* the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another

89. My hair looks greasy because there is too much _____ in the air.

- n.* small amounts of liquid, especially water, that are present in or absorbed by a substance

90. Many businesses felt the _____ effect of the economy's decline.

- n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

91. Other technology industries _____ similarly explosive growth.

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

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

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

ANSWERS: 88. identity, 89. moisture, 90. ripple, 91. exhibit, 92. biology