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Vocabulary Builder Reference from...

Roger Hanlon: *The amazing brains and morphing skin of octopuses and other cephalopods* | TED Talk
https://www.ted.com/talks/roger_hanlon_the_amazing_brains_and_morphing_skin_of_octopuses_and_othe_r_cephalopods

All Words

IMPORTANT

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Session 1: Word List

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**.

alternative

n. one of two or more available possibilities or choice

synonym: choice, option

(1) an **alternative** plan, (2) there is no other **alternative**
Doctors are gradually coming around to the idea of using **alternative** medicines.

intelligence

n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

synonym: brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence**
In terms of **intelligence**, he was head and shoulders above his classmates.

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.

equivalent

n. having the same value, quality, meaning, purpose, etc.

synonym : equal, counterpart, match

(1) **equivalent** amounts, (2) **equivalent** in meaning

The European Central Bank is Europe's **equivalent** of the Federal Reserve.

satellite

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

synonym : orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**

Launching an artificial **satellite** contributed to the technological development of our country.

distribute

v. to give something to a large number of individuals, or to spread or furnish something

synonym : broadcast, disperse, hand out

(1) **distribute** wealth evenly, (2) **distribute** video content

His estate was **distributed** to his sons.

colleague

n. one of a group of a coworker, especially in a profession or a business

synonym : coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

struggle

v. to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

synonym : toil, strive, compete

(1) **struggle** against discrimination, (2) **struggle** to get the job

He could not **struggle** against temptation.

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.

belong

v. to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

synonym: fit, be appropriate, be suitable

(1) **belong** to different species, (2) **belong** to a group

All the books in this section **belong** to the library's rare collection and must be handled carefully.

coral

n. a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry

(1) **coral** island, (2) **coral** ornament

She is wearing a **coral** necklace.

reef

n. a long chain or range of rocks or sand near the ocean's surface

(1) barrier **reef**, (2) coral **reefs**

The vessel ran aground on a **reef**.

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.

octopus

n. a sea creature with a soft round body and eight long tentacles (= long parts like arms)

synonym : devilfish

(1) giant **octopus**, (2) venomous **octopus**

He experienced nausea after eating live **octopus**.

flash

n. a sudden intense burst of radiant energy; a momentary brightness

synonym : sparkle, gleam, glimmer

(1) a **flash** of lightning, (2) brilliant **flash**

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

jet

n. a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances

synonym : plane, aircraft, flier

(1) private **jet**, (2) commercial **jet**

The **jet** flew over the ocean at high speed, reaching its destination in hours.

reverse

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

synonym : overturn, shift, switch

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

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

develop

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

synonym : evolve, progress, advance

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

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

camouflage

n. an outward appearance that conceals the underlying essence of something; the way of concealing troops or

military equipment so they cannot be seen against the surrounding environment

synonym : guise, mask, cloak

(1) **camouflage** clothing, (2) work as **camouflage**

They utilized branches of trees as **camouflage**.

chromatophore

n. a cell or group of cells in the skin or other tissues of animals that contain pigment and can change color to blend in with the surroundings, communicate, or regulate temperature

synonym : pigment cell, iridophore, leucophore

(1) color-changing **chromatophores**, (2) genetic **chromatophore**

The octopus has an intricate network of **chromatophores** that allow it to blend into its surroundings.

bump

v. to hit or knock against something hard, often with a dull sound; to meet with by accident

synonym : collide, hit, jolt

(1) **bump** against a wall, (2) **bump** up prices

She accidentally **bumped** into him in the crowded room.

papilla

n. a small, nipple-like projection or bump on the surface of an organ or tissue, typically involved in absorption or sensory perception

synonym : nipple, projection, bump

(1) **papilla** duct, (2) **papilla** hair cells

The **papilla** on the tongue helps to detect taste.

neural

adj. of or relating to a nerve or the nervous system that includes the brain

synonym : sensory, neuronal, nervous

(1) **neural** stem cells, (2) **neural** networks in AI

There was a disturbance of **neural** function.

instantaneous

adj. occurring or happening immediately or without delay; taking place in an instant or moment

synonym : immediate, prompt, rapid

(1) **instantaneous** reaction, (2) **instantaneous** message

The new software provides **instantaneous** results, making it much more efficient than the previous version.

argue

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

synonym : debate, dispute, quarrel

(1) **argue** a case, (2) **argue** passionately

The couple began to **argue** over which restaurant to go to for dinner.

dynamic

adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

synonym : energetic, active, vital

(1) a **dynamic** market, (2) **dynamic** person

The sprinter has a **dynamic** way of running.

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.

precision

n. the quality or condition of being exact and accurate

synonym : accuracy, exactness, rigor

(1) a **precision** instrument, (2) speak with **precision**

This operation requires both patience and **precision**.

astonishing

adj. surprising or shocking; difficult to believe

synonym : surprising, shocking, astounding

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

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

mimic

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

synonym: mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments

He is very popular at school because he can **mimic** all the teachers' accents.

dramatically

adv. in a very impressive manner

synonym: greatly, noticeably, suddenly

(1) he confessed **dramatically**, (2) the cabin pressure fell **dramatically**

Life expectancy has grown **dramatically** this century.

norm

n. something that is regarded as usual, typical, or standard

synonym: criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

cuttlefish

n. a sea creature with eight arms and two tentacles (= long parts like arms) that has a wide and flat shell inside its body

(1) the fin of a **cuttlefish**, (2) dried **cuttlefish**

He loves to eat raw, sliced **cuttlefish**.

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.

crab

n. a sea creature with two large claws and a flattened back (e.g., blue crab or king crab); a sour or grumpy person who is prone to complaining or criticizing

synonym : crustacean, shellfish, crusty

(1) **crab** cakes, (2) **crab** legs

I ordered a plate of fresh **crab** at the seafood restaurant.

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.

flamboyant

adj. showy, bold, or striking in appearance or behavior; characterized by extravagance, eccentricity, or ostentatiousness

synonym : dazzling, ostentatious, showy

(1) **flamboyant** style, (2) **flamboyant** personality

The actor's **flamboyant** outfit stole the show at the red carpet-event.

shift

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

synonym : transition, change, modification

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

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

instantly

adv. immediately

synonym : immediately, right away, directly

(1) **instantly** cope with, (2) be killed **instantly**

I remembered that person **instantly** and never forgot.

warn

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

synonym : alert, caution, admonish

(1) **warn** a reckless driver, (2) **warned** me of the plan

I attempted to **warn** him, but he ignored me.

slide

v. to move or cause to move smoothly along a surface without interruption

synonym : glide, drift, drop

(1) **slide** a card across the table, (2) **slide** a glance

If necessary, you can **slide** the front seats forward.

continuum

n. a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts

synonym : continuation, continuity

(1) a space-time **continuum**, (2) the **continuum** of events

Our life is a **continuum** of experience in which events pass from the future through the present to the past.

conspicuous

adj. visible or observable; likely to draw attention

synonym : apparent, noticeable, evident

(1) a **conspicuous** achievement, (2) **conspicuous** consumption

Her golden hair was **conspicuous** in China.

lobe

n. a rounded projection or division, especially of the brain, lung, or liver

synonym : part, section, division

(1) **lobe** of the liver, (2) frontal **lobe**

The lungs are divided into five **lobes**.

odd

adj. strange or unexpected; not divisible by two

synonym : strange, bizarre, abnormal

(1) in an **odd** way, (2) **odd** behavior

His grandfather was an **odd** man.

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.

illustrate

v. to provide pictures, photographs, diagrams, etc. in a book or something for explanation

synonym : demonstrate, explain, exemplify

(1) **illustrate** a key point, (2) **illustrate** a story

The company's financial records **illustrate** how successful it has been.

spinal

adj. of or relating to the spine (= the long bone in the body's back)

(1) **spinal** injury, (2) brain and **spinal** cord

The surgeon carefully confirmed how to remove the tumor to avoid damaging the **spinal** nerves.

cord

n. a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment

synonym : wire, cable, string

(1) spinal **cord**, (2) electrical **cord**

Your spinal **cord** is located deep within your body.

construct

v. to build or create something; to assemble or combine different parts to form something whole

synonym : build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

nervous

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

synonym : neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**

He suffers from **nervous** breakdowns.

outwit

v. to defeat or overcome someone cleverly or cunningly by outsmarting them; to be more clever or cunning than someone else

synonym : outsmart, outmaneuver, outfox

(1) **outwit** a problem, (2) **outwit** his competitors

He could **outwit** his opponents with his quick thinking and clever strategy.

porpoise

n. a type of small, toothed cetacean with a rounded head and a curved dorsal fin found in coastal waters in many parts of the world

synonym : dolphin, marine mammal

(1) **porpoise** habitat, (2) harbor **porpoise**

The playful **porpoise** leaped out of the water and performed acrobatics for the onlookers.

seal

v. to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed

synonym : enclose, shut, close

(1) **seal** a hole, (2) a fur **seal**

He **sealed** the letter with hot wax.

barracuda

n. a large, predatory, tropical sea fish with sharp teeth that can attack people

(1) great **barracuda**, (2) process **barracuda** meat

I fished a giant greyish-brown **barracuda** highly regarded as food.

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**.

decision-maker

n. a person who makes important decisions, especially at a high level in an organization

(1) policy **decision-maker**, (2) act as a **decision-maker**

A wealth of information does not always have a positive impact on **decision-makers**.

perambulate

v. to walk or travel through a particular area or location, especially for leisurely or ceremonial purposes; to walk around or through a particular boundary or area to mark or establish it

synonym: amble, stroll, wander

(1) **perambulate** the park, (2) slowly **perambulate** the countryside

The doctor advised the patient to **perambulate** daily to aid in their recovery.

suddenly

adv. quickly and unexpectedly

synonym: abruptly, unexpectedly, unawares

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

Who answers **suddenly** knows little.

marvelous

adj. causing wonder or astonishment; excellent

synonym: wonderful, amazing, superb

(1) **marvelous** performance, (2) **marvelous** power

The view from the top of the mountain was **marvelous**.

decision

n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

synonym: choice, determination, judgment

(1) **decision** authority, (2) a selfish **decision**

She was struggling to make a **decision** between two job offers.

checkerboard

n. a board having 64 squares of two alternating black and white colors used for playing draughts, also known as checker

synonym: check, plaid, patchwork

(1) **checkerboard** pattern, (2) **checkerboard** frame

This historic city is famous for its **checkerboard** streets.

visual

adj. relating to seeing or sight

synonym: optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts
The building makes a remarkable **visual** impact.

ad-lib

adj. improvised or made up on the spot, rather than planned; done or said without preparation or planning; (noun) the act of improvising, especially in a performance setting

synonym: improvised, impromptu

(1) **ad-lib** comedy, (2) vocal **ad-lib**

The comedian's **ad-lib** humor kept the audience laughing throughout the night.

cognitive

adj. of or relating to mental processes of understanding

synonym: perceivable, mind, mental

(1) improve **cognitive** function, (2) research on **cognitive** psychology

His **cognitive** faculties were getting worse because of a lack of sleep.

squid

n. a sea creature with a long and soft body, large eyes, eight arms, and two tentacles (= long parts like arms), and that is sometimes used for food

synonym: calamari, calamary

(1) a **squid's** tentacle, (2) **squid** ink spaghetti

The giant **squid** weighed over 50 kilograms.

flirt

v. to talk or behave as if sexually attracted to someone, without serious intentions; (noun) a seductive woman who uses her sex appeal to exploit men

synonym: tease

(1) **flirt** with him, (2) **flirt** like a schoolgirl

My husband never **flirts** with other women.

mate

n. a person's partner in marriage or romantic relationship; an animal's sexual partner; a peer or friend; (of the game of chess) checkmate, which is the winning condition of the game

synonym: companion, partner, spouse

(1) smoking **mate**, (2) dog-loving **mate**

I need to find a **mate** for my female guinea pig so she doesn't get lonely.

deception

n. the act of misleading or tricking someone, often by creating a false impression or concealing the truth; a fraudulent or dishonest action

synonym: fraud, deceit, trickery

(1) **deception** tactics, (2) **deception** in advertising

The politician was accused of **deception** for making false promises during his campaign.

intuitive

adj. obtained through feelings rather than facts or proof

synonym: involuntary, instinctive, innate

(1) **intuitive** eating, (2) **intuitive** judgment

I had an **intuitive** feeling that I might be pregnant.

dual

adj. having two parts, aspects, or elements

synonym: twofold, binary, double

(1) **dual** purpose, (2) **dual** nationality

This laptop has a **dual-core** processor, making it fast and efficient.

fluid

n. a substance that can flow and is not solid

synonym: liquid, aqua, sap

(1) plenty of **fluids**, (2) **fluid** assets

She was diagnosed with a **fluid** buildup in her lungs.

courtship

n. the period of time when two individuals go through the process of getting to know each other, often with the intent of forming a romantic or intimate relationship

synonym: romance, wooing, lovemaking

(1) traditional **courtship**, (2) romantic **courtship**

The movie depicts an old-fashioned **courtship** between the two main characters.

simultaneously

adv. at the same time

synonym: concurrently, coincidentally, together

(1) **simultaneously** affected, (2) take several inputs

simultaneously

Two students answered the teacher's question

simultaneously.

context

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

synonym: background, setting, environment

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

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

extraordinary

adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

synonym: exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather

He narrated the **extraordinary** story of his adventure.

two-faced

adj. insincere or hypocritical; deceitful or disloyal; characterized by a tendency to pretend or assume different personas or attitudes in different situations or with different people

synonym: deceitful, double-dealing, hypocritical

(1) **two-faced** liar, (2) **two-faced** nature

The **two-faced** politician made promises to the public that contradicted his actions behind closed doors.

den

n. a wild animal's lair or hiding places, such as a fox or bear

synonym: lair, burrow, nest

(1) gambling **den**, (2) bear **den**

The fox had dug a **den** in the side of the hill, where it could rest and hide from predators.

spatial

adj. of or relating space and the position, area, and size of things

synonym: dimensional, geographical

(1) **spatial** ability, (2) **spatial** distribution

He carefully determined the **spatial** relations of every piece of the stage set.

unusually

adv. in a way that is not typical or expected

synonym: exceptionally, remarkably, outstandingly

(1) **unusually** cheerful, (2) look **unusually** serious

The team's performance has been **unusually** poor this season.

beeline

n. a straight, direct route taken with or as if with the intentions of a bee flying to its hive or a source of nectar or pollen

synonym: shortest route, direct path, straight line

(1) take a **beeline** approach, (2) a **beeline** to the exit

After finishing his last final exam, he made a **beeline** for the home to relax.

diver

n. a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey

synonym: plunger, frogman, loon

(1) professional **diver**, (2) deep-sea **diver**

The search and rescue team sent a team of **divers** to search for the missing plane wreckage.

refined

adj. made pure by having impurities or unwanted elements removed by processing

synonym: cultured, purified, tasteful

(1) adopt a **refined** attitude, (2) a lot of **refined** sugar

She was highly **refined** in her choice of apparel.

twitch

v. to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a

muscle or part of the body

synonym : spasm, jerk, flinch

(1) **twitch** at his sleeve, (2) **twitch** of an eye

She couldn't stop her leg from **twitching** nervously.

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.

mammal

n. any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body

(1) a primitive **mammal**, (2) a sort of **mammal**

Marine **mammal** populations are declining worldwide due to ocean pollution.

consolidate

v. to make something more vital, more solid, or more certain

synonym : crystallize, concentrate, cement

(1) **consolidate** his debt, (2) **consolidate** a leadership

The two universities will **consolidate** in July next year.

episodic

adj. happening or appearing at irregular intervals; not continuous or steady; of or relating to writing or narration

synonym : intermittent, recurrent, sporadic

(1) **episodic** story, (2) **episodic** event

The patient's memory loss is **episodic**, with periods of normal memory followed by episodes of amnesia.

wily

adj. characterized by slyness, deviousness, or cunning; using trickery or stratagems to achieve one's goals

synonym : cunning, sly, crafty

(1) **wily** politician, (2) **wily** tactics

The **wily** fox was able to outsmart the hunters and escape unscathed.

experiment

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

synonym: experimentation, investigation

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

His **experiments** showed highly positive results.

replenish

v. to fill something that had previously been emptied

synonym: refill, reload, restock

(1) **replenish** a reserve fund, (2) **replenish** my spirit

Please **replenish** my glass with some more wine.

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.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym: procedure, method, system

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

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

evolution

n. a gradual process of transformation of living things

synonym: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

pathway

n. a track that constitutes or serves as a path; an approach or a way of doing something

synonym : route, footpath, trail

(1) **pathway** to understanding, (2) cellular signaling

pathways

When the first molecule in the **pathway** receives a signal, it activates other molecules.

vertebrate

adj. relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish

synonym : animal, chordate, backboned

(1) the muscle tissue of a **vertebrate**, (2) **vertebrate** biology

The presence of a backbone is a defining characteristic of **vertebrate** animals.

acknowledge

v. to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;

synonym : accept, agree, declare

(1) **acknowledge** the deed, (2) **acknowledge** his help

He never **acknowledged** his fault.

evolutionary

adj. relating to or denoting how living things develop or change from earlier forms

synonym : developmental, mutative, transformative

(1) ecology and **evolutionary** biology, (2) the **evolutionary** process

Evolutionary algorithms can find ways to optimize that humans do not anticipate.

outline

v. to describe the main facts or aspects involved in something

synonym : recap, summarize, digest

(1) **outlined** the plan, (2) **outline** the findings

This page **outlines** our response planning for an emergency.

converge

v. to move or draw together at a specific location; (of lines)
to move towards the same point where they join or meet

synonym: congregate, assemble, concentrate

(1) **converge** of a series, (2) **converge** from different points

The two rivers **converge** into one near this area.

denominator

n. the number below the line in a fraction

(1) common **denominator**, (2) different **denominators**

The first step is to rationalize the **denominator** of a fraction.

worm

n. a long, thin creature with a soft and long cylindrical
tube-like body, no limbs, and a lack of eyes

(1) wiggly **worms**, (2) can of **worms**

Worms help dispose of the food waste produced by humans.

divergent

adj. different or becoming different from another or a
standard; tending to move apart in different directions

synonym: differing, disparate, atypical

(1) follow a **divergent** path, (2) wildly **divergent** results

The prime minister had to reconcile **divergent** opinions on
controversial issues like abortion.

convergent

adj. tending to come together or meet at a point; merging or
intersecting; characterized by similarities or
commonalities, particularly in different fields or areas of
knowledge

synonym: merging, meeting

(1) **convergent** beam, (2) **convergent** thinking

The similarities between the two cultures suggest
convergent evolution.

fundamental

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

synonym: basic, essential, entire

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

Human behavior has **fundamental** characteristics.

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.

communal

adj. belonging to or used by a group rather than individuals; for common use

synonym: collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

Communal elections were held in several European countries.

mechanism

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

synonym: means, method, system

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

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

genetics

n. the branch of biology that studies genes, genetic variation, and heredity in organisms

(1) the science of **genetics**, (2) **genetics** discrimination

He is a specialist in the **genetics** of aging.

genome

n. the complete set or sequence of genes of a human, animal, plant, or other living things

(1) sequencing of the human **genome**, (2) **genome** analyses

The human **genome** contains approximately three billion chemical base pairs.

transcript

n. a written or printed version of something, especially a dictated or recorded speech, interview, or conversation; an official record of a student's coursework and grades at a school or university

synonym: record, certificate, report

(1) academic **transcript**, (2) official **transcript**

The court reporter was responsible for creating a **transcript** of the trial proceedings.

translate

v. to convert or change words into another language

synonym: convert, transcribe, render

(1) **translate** a document into English, (2) **translate** the emotion to a movement

Translate the text from Italian into English.

protein

n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

cephalopod

n. marine mollusk such as an octopus or squid, characterized by a well-developed head, eyes, and tentacles (= long parts like arms)

(1) **cephalopod** mollusk, (2) a **cephalopod** with eight arms

Cephalopods move quickly through the outflow of water from a muscular funnel beneath the head.

edit

v. to prepare written material for publication by correcting, condensing, or otherwise modifying it

synonym: revise, modify, adjust

(1) **edit** a history book, (2) **edit** a video

I need to **edit** this document before submitting it to my boss.

astronomical

adj. relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude

synonym : huge, vast, enormous

(1) **astronomical** observation, (2) **astronomical** numbers

The cost of the new equipment was **astronomical** and beyond the company's budget.

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.

hundredfold

adj. a hundred times as great or as much

(1) rise nearly **hundredfold**, (2) improve **hundredfold**

The development team reported two **hundredfold** increases in performance.

orthodox

adj. following or conforming to the traditional, normal, or commonly accepted beliefs, ideas, or activities; of or relating to Judaism; of or relating to the Eastern Orthodox Church

synonym : traditional, conventional, established

(1) an **orthodox** doctrine, (2) **orthodox** thought

He challenged the **orthodox** views on business.

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.

conjecture

n. an opinion or conclusion formed based on incomplete information; a theory or speculation that is unsupported by firm evidence or proof

synonym : theory, guess, speculation

(1) **conjecture** theory, (2) scientific **conjecture**

There was much **conjecture** about the cause of the fire, but the investigation is still ongoing.

underwater

adv. below or under the surface of the water

synonym : submerged, undersea, submarine

(1) hold my breath **underwater**, (2) seals sleep **underwater**
He is good at swimming **underwater**.

efficient

adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

synonym : productive, effective, competent

(1) **efficient** operation, (2) energy- **efficient** appliances
The new washing machine is much more **efficient** than the old one.

immersion

n. the act of putting someone or something into a liquid completely; the state of being completely involved in a subject or activity

synonym : submergence, involvement, engagement

(1) baptism by **immersion**, (2) **immersion** in acid
I felt like I was in a different world because of the **immersion** experience of virtual reality.

communicate

v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

synonym : convey, share, transmit

(1) **communicate** his anxieties to the psychiatrist,
(2) **communicate** well with my advisor
Dolphins use sound to **communicate** with each other.

cogitate

v. to think deeply and carefully about something

synonym : ponder, think, contemplate

(1) **cogitate** about the future, (2) **cogitate** over a decision
I need time to **cogitate** on that idea before making a

decision.

inspire

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

synonym: boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

endlessly

adv. in a way that continues for a long time or seems to have no end or limit

synonym: ceaselessly, interminably, unceasingly

(1) repeat **endlessly**, (2) worry **endlessly** about our future

The procession of demonstrators was **endlessly** continuing.

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.

magical

adj. produced by or containing supernatural powers

synonym: enchanting, occult, supernatural

(1) **magical** place, (2) **magical** powers

When I was a child, my mother often cast **magical** spells to ease my pain whenever I was injured.

iridescence

n. the property of displaying a play of colors, like those of a rainbow, that change as the angle of view or the angle of illumination changes

synonym: rainbow effect, luster, shimmer

(1) a greenish **iridescence**, (2) **iridescence** effect

The **iridescence** of the butterfly's wings was genuinely breathtaking.

combination

n. a collection of things that have been combined; an assemblage of separate parts or qualities

synonym : blend, hybrid, compounding

(1) genic **combinations**, (2) **combination** number

The **combination** to the safe was a secret.

resolve

v. to find a suitable answer to the problems or difficulty

synonym : decide, determine, fix

(1) **resolve** a dispute, (2) **resolve** the computer error

This company **resolves** its battery problem completely.

structural

adj. associated with the way on construction or organization of anything

synonym : architectural, basic, anatomical

(1) **structural** analyses, (2) **structural** reorganization

The earthquake resulted in significant **structural** destruction.

faint

adj. not strong, clear, or vigorous; slight or weak

synonym : slight, vague, soft

(1) **faint** memory, (2) **faint** aroma of roses

She heard a **faint**, nearly invisible scream.

blush

v. to become red in the face from embarrassment, shame, or modesty

synonym : flush, redden, glow

(1) **blush** bright red, (2) **blush** for my mistake

She **blushed** when the boy complimented her.

giant

adj. enormous; much bigger or more important than similar items usually are

synonym : big, gigantic, huge

(1) **giant** trees, (2) **giant** tech company

The **giant** jets gradually dominate the world's airlines.

row

n. an arrangement of objects or people side by side in a line

synonym : line, sequence, layer

(1) criminal on death **row**, (2) a **row** of cherry trees
He was the leader of the demonstrators and spoke out against the war in the front **row**.

morph

v. to change or cause to change something or someone smoothly and gradually from one thing to another
synonym: alter, modify, transform

(1) **morph** into a different shape, (2) **morph** into something entirely different

This company **morphed** into an enterprise company.

seaweed

n. a plant that grows in the sea or on land very close to the sea, especially marine algae

synonym: kelp, algae

(1) floating **seaweed**, (2) **seaweed** broth

She soaked **seaweed** in water until tender.

periscope

n. a device that uses mirrors to allow a person to see objects that are not in their direct line of sight, often used on submarines or military vehicles

(1) **periscope** lens, (2) submarine **periscope**

The soldier peeked through the **periscope** to watch for enemy movements.

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.

ridge

n. a long, narrow, raised landform or rock formation

synonym: crest, summit, peak

(1) top of the **ridge**, (2) the **ridge** of the nose

The mountain range was full of rocky **ridges** and deep valleys.

fine-tune

v. to make tiny changes or improvements to make it work as well as possible

synonym: adjust, calibrate, refine

(1) **fine-tune** financial systems, (2) **fine-tune** the engine

The government should not try to **fine-tune** the economy excessively based on a short-term prediction.

engineer

n. a person whose job is designing, building, or maintaining something such as machines, structures, or software

synonym: architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

industrious

adj. hardworking, diligent, and persistent in effort

synonym: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

segue

v. to make a smooth and uninterrupted transition from one topic or activity to another

synonym: transit, move, shift

(1) **segue** the conversation, (2) **segue** between topics

He smoothly **segued** from one topic to the next during his presentation.

fabric

n. cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.

synonym: cloth, material, goods

(1) a hand-loomed **fabric**, (2) **fabric** of creation

These synthetic **fabrics** are used in military vests because of their excellent abrasion resistance.

kaleidoscope

n. a toy or optical instrument made up of mirrors and pieces of colored glass or plastic, which produce changing patterns and images when rotated; a

constantly changing succession of different things or events

(1) **kaleidoscope** of cultures, (2) **kaleidoscope** pattern
The **kaleidoscope** of colors in the sunset was breathtaking.

mechanics

n. the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles

synonym : kinematics, dynamics

(1) **mechanics** equation, (2) **mechanics** of the game

He studied **mechanics** in college and now works as an engineer.

cosmetic

adj. relating to treatment aimed at restoring or improving a person's appearance and attractiveness; (noun) a substance that you put on your face or body to enhance its appearance and make it more attractive

synonym : adorning, embellishing, ornamental

(1) minor **cosmetic** changes, (2) **cosmetic** fenders on cars

Cosmetic surgery is becoming more common in Asia due to lowering prices.

moreover

adv. indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

synonym : furthermore, besides, in addition

(1) **moreover**, she decided to go, (2) but **moreover**, they work well together

The company is environmentally conscious, and **moreover**, it uses sustainable materials in its products.

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**.

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.

pave

v. to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use

synonym: surface, coat, cover

(1) **pave** a new path, (2) **pave** a smoother road

They **paved** the courtyard with bricks, giving it a more polished appearance.

eventually

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

synonym: finally, someday, ultimately

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

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

biotechnology

n. the application of technological processes and methods to biological systems to develop new products or techniques, such as genetically modified organisms or biopharmaceuticals

synonym: genetic engineering, bioengineering, genetic modification

(1) **biotechnology** research, (2) modern **biotechnology**

Advancements in **biotechnology** have revolutionized medicine and agriculture.

mimicry

n. the act or skill of copying the sounds or behavior of a particular person or animal, often to make people laugh

synonym: imitation, apery

(1) vocal **mimicry**, (2) floral **mimicry**

Some insects use **mimicry** to avoid detection by predators.

cutting-edge

adj. being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity

synonym: state-of-the-art, innovative, advanced

(1) **cutting-edge** molecular biology, (2) **cutting-edge** design

The **cutting-edge** technology was revolutionary in its field.

fashion

n. a style that is popular at a particular time or place; the state of being popular

synonym: style, manner, fad

(1) go out of **fashion**, (2) new **fashion** trends

That style is no longer in **fashion**.

Session 2: Spelling

1. work as cam_____ge *n.* an outward appearance that conceals the underlying essence of something; the way of concealing troops or military equipment so they cannot be seen against the surrounding environment
2. act as a dec_____ker *n.* a person who makes important decisions, especially at a high level in an organization
3. criminal on death r_w *n.* an arrangement of objects or people side by side in a line
4. or_____ox thought *adj.* following or conforming to the traditional, normal, or commonly accepted beliefs, ideas, or activities; of or relating to Judaism; of or relating to the Eastern Orthodox Church
5. 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
6. gi__t tech company *adj.* enormous; much bigger or more important than similar items usually are
7. d__l nationality *adj.* having two parts, aspects, or elements
8. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
9. take several inputs sim_____sly *adv.* at the same time

ANSWERS: 1. camouflage, 2. decision-maker, 3. row, 4. orthodox, 5. discovery, 6. giant, 7. dual, 8. engineer, 9. simultaneously

10. sequencing of the human ge___e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
11. a selfish de_____on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
12. ev_____on theory *n.* a gradual process of transformation of living things
13. tw___h at his sleeve *v.* to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body
14. ge_____cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
15. a con_____us achievement *adj.* visible or observable; likely to draw attention
16. con_____nt beam *adj.* tending to come together or meet at a point; merging or intersecting; characterized by similarities or commonalities, particularly in different fields or areas of knowledge
17. co_____te about the future *v.* to think deeply and carefully about something
18. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options

ANSWERS: 10. genome, 11. decision, 12. evolution, 13. twitch, 14. genetics, 15. conspicuous, 16. convergent, 17. cogitate, 18. decision

19. mo_____er, she decided to go *adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
20. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
21. pa_____y to understanding *n.* a track that constitutes or serves as a path; an approach or a way of doing something
22. hold my breath und_____er *adv.* below or under the surface of the water
23. official tra_____pt *n.* a written or printed version of something, especially a dictated or recorded speech, interview, or conversation; an official record of a student's coursework and grades at a school or university
24. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
25. coral r__fs *n.* a long chain or range of rocks or sand near the ocean's surface
26. con_____us consumption *adj.* visible or observable; likely to draw attention
27. but mo_____er, they work well together *adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

ANSWERS: 19. moreover, 20. communicate, 21. pathway, 22. underwater, 23. transcript, 24. mechanism, 25. reef, 26. conspicuous, 27. moreover

28. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
29. Doppler sh__t *n.* a slight transition in position, direction, or trend
30. baptism by im_____on *n.* the act of putting someone or something into a liquid completely; the state of being completely involved in a subject or activity
31. the muscle tissue of a ver_____te *adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
32. a GPS sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
33. co__l ornament *n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
34. in_____e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
35. become p__y to terrorists *n.* the object of a hunt; an animal hunted or trapped for eating
36. a lot of re_____d sugar *adj.* made pure by having impurities or unwanted elements removed by processing
37. slowly per_____te the countryside *v.* to walk or travel through a particular area or location, especially for leisurely or ceremonial purposes; to walk around or through a particular boundary or area to mark or establish it

ANSWERS: 28. eventually, 29. shift, 30. immersion, 31. vertebrate, 32. satellite, 33. coral, 34. inspire, 35. prey, 36. refined, 37. perambulate

38. die su____ly *adv.* quickly and unexpectedly
39. decision-making pr____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
40. me_____cs of the game *n.* the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles
41. sl__e a card across the table *v.* to move or cause to move smoothly along a surface without interruption
42. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
43. get ne____s *adj.* worried and anxious about something; relating to the nerves
44. field of artificial int_____nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
45. bio_____ogy research *n.* the application of technological processes and methods to biological systems to develop new products or techniques, such as genetically modified organisms or biopharmaceuticals

ANSWERS: 38. suddenly, 39. process, 40. mechanics, 41. slide, 42. communal, 43. nervous, 44. intelligence, 45. biotechnology

46. a sq__d's tentacle *n.* a sea creature with a long and soft body, large eyes, eight arms, and two tentacles (= long parts like arms), and that is sometimes used for food
47. a be____e to the exit *n.* a straight, direct route taken with or as if with the intentions of a bee flying to its hive or a source of nectar or pollen
48. academic tra____pt *n.* a written or printed version of something, especially a dictated or recorded speech, interview, or conversation; an official record of a student's coursework and grades at a school or university
49. mi__c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
50. an alt____ve plan *n.* one of two or more available possibilities or choice
51. ne__l stem cells *adj.* of or relating to a nerve or the nervous system that includes the brain
52. co____te over a decision *v.* to think deeply and carefully about something
53. re____e a dispute *v.* to find a suitable answer to the problems or difficulty
54. the ri__e of the nose *n.* a long, narrow, raised landform or rock formation
55. ef____nt operation *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

ANSWERS: 46. squid, 47. beeline, 48. transcript, 49. mimic, 50. alternative, 51. neural, 52. cogitate, 53. resolve, 54. ridge, 55. efficient

56. plenty of fl__ds
n. a substance that can flow and is not solid
57. ne___l networks in AI
adj. of or relating to a nerve or the nervous system that includes the brain
58. ack_____ge his help
v. to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;
59. fla_____nt personality
adj. showy, bold, or striking in appearance or behavior; characterized by extravagance, eccentricity, or ostentatiousness
60. fa___c of creation
n. cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
61. ep_____ic event
adj. happening or appearing at irregular intervals; not continuous or steady; of or relating to writing or narration
62. the evo_____ary process
adj. relating to or denoting how living things develop or change from earlier forms
63. w__y tactics
adj. characterized by slyness, deviousness, or cunning; using trickery or stratagems to achieve one's goals
64. se__e the conversation
v. to make a smooth and uninterrupted transition from one topic or activity to another
65. a we__d dress
adj. extraordinary, unexpected, or difficult to explain

ANSWERS: 56. fluid, 57. neural, 58. acknowledge, 59. flamboyant, 60. fabric, 61. episodic, 62. evolutionary, 63. wily, 64. segue, 65. weird

66. 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
67. giant oc_____s *n.* a sea creature with a soft round body and eight long tentacles (= long parts like arms)
68. iri_____ce effect *n.* the property of displaying a play of colors, like those of a rainbow, that change as the angle of view or the angle of illumination changes
69. ecology and evo_____ary biology *adj.* relating to or denoting how living things develop or change from earlier forms
70. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
71. a greenish iri_____ce *n.* the property of displaying a play of colors, like those of a rainbow, that change as the angle of view or the angle of illumination changes
72. look un_____ly serious *adv.* in a way that is not typical or expected
73. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
74. 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
75. pa_____a duct *n.* a small, nipple-like projection or bump on the surface of an organ or tissue, typically involved in absorption or sensory perception

ANSWERS: 66. structure, 67. octopus, 68. iridescence, 69. evolutionary, 70. zoom, 71. iridescence, 72. unusually, 73. experiment, 74. planet, 75. papilla

76. tw_____ed liar *adj.* insincere or hypocritical; deceitful or disloyal; characterized by a tendency to pretend or assume different personas or attitudes in different situations or with different people
77. che_____ard pattern *n.* a board having 64 squares of two alternating black and white colors used for playing draughts, also known as checker
78. pa_____a hair cells *n.* a small, nipple-like projection or bump on the surface of an organ or tissue, typically involved in absorption or sensory perception
79. fl__t like a schoolgirl *v.* to talk or behave as if sexually attracted to someone, without serious intentions; (noun) a seductive woman who uses her sex appeal to exploit men
80. kal_____ope of cultures *n.* a toy or optical instrument made up of mirrors and pieces of colored glass or plastic, which produce changing patterns and images when rotated; a constantly changing succession of different things or events
81. e__t a history book *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
82. bl__h bright red *v.* to become red in the face from embarrassment, shame, or modesty
83. fi_____ne the engine *v.* to make tiny changes or improvements to make it work as well as possible

ANSWERS: 76. two-faced, 77. checkerboard, 78. papilla, 79. flirt, 80. kaleidoscope, 81. edit, 82. blush, 83. fine-tune

84. the state of being we__d *adj.* extraordinary, unexpected, or difficult to explain
85. 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
86. a sort of ma___l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
87. co____ge of a series *v.* to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet
88. con_____nt thinking *adj.* tending to come together or meet at a point; merging or intersecting; characterized by similarities or commonalities, particularly in different fields or areas of knowledge
89. ext_____ary weather *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
90. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
91. ast_____cal observation *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
92. a primitive ma___l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body

ANSWERS: 84. weird, 85. movement, 86. mammal, 87. converge, 88. convergent, 89. extraordinary, 90. fundamental, 91. astronomical, 92. mammal

93. wildly di_____nt results *adj.* different or becoming different from another or a standard; tending to move apart in different directions
94. process ba_____da meat *n.* a large, predatory, tropical sea fish with sharp teeth that can attack people
95. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
96. top of the ri__e *n.* a long, narrow, raised landform or rock formation
97. be killed in_____ly *adv.* immediately
98. su_____ly attacked by an enemy *adv.* quickly and unexpectedly
99. e__t a video *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
100. se_____d broth *n.* a plant that grows in the sea or on land very close to the sea, especially marine algae
101. vi___l navigation *adj.* relating to seeing or sight
102. fa__t memory *adj.* not strong, clear, or vigorous; slight or weak
103. 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
104. he confessed dra_____lly *adv.* in a very impressive manner
105. commercial j_t *n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances

ANSWERS: 93. divergent, 94. barracuda, 95. colleague, 96. ridge, 97. instantly, 98. suddenly, 99. edit, 100. seaweed, 101. visual, 102. faint, 103. neuron, 104. dramatically, 105. jet

106. major paradigm sh__t *n.* a slight transition in position, direction, or trend
107. sim_____sly affected *adv.* at the same time
108. bear d_n *n.* a wild animal's lair or hiding places, such as a fox or bear
109. modern bio_____ogy *n.* the application of technological processes and methods to biological systems to develop new products or techniques, such as genetically modified organisms or biopharmaceuticals
110. s__l a hole *v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed
111. con_____te his debt *v.* to make something more vital, more solid, or more certain
112. ind_____al freedom *n.* a single person or thing, as distinct from a group
113. the co_____um of events *n.* a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts
114. c__b legs *n.* a sea creature with two large claws and a flattened back (e.g., blue crab or king crab); a sour or grumpy person who is prone to complaining or criticizing
115. mo__h into a different shape *v.* to change or cause to change something or someone smoothly and gradually from one thing to another

ANSWERS: 106. shift, 107. simultaneously, 108. den, 109. biotechnology, 110. seal, 111. consolidate, 112. individual, 113. continuum, 114. crab, 115. morph

116. dis_____te wealth evenly *v.* to give something to a large number of individuals, or to spread or furnish something
117. un_____ly cheerful *adv.* in a way that is not typical or expected
118. ill_____te a story *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
119. frontal l___e *n.* a rounded projection or division, especially of the brain, lung, or liver
120. re_____e the computer error *v.* to find a suitable answer to the problems or difficulty
121. speak with pr_____on *n.* the quality or condition of being exact and accurate
122. ext_____ary ability *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
123. gambling d_n *n.* a wild animal's lair or hiding places, such as a fox or bear
124. in_____ve judgment *adj.* obtained through feelings rather than facts or proof
125. basic br___n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
126. the science of ge_____cs *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
127. legal co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

ANSWERS: 116. distribute, 117. unusually, 118. illustrate, 119. lobe, 120. resolve, 121. precision, 122. extraordinary, 123. den, 124. intuitive, 125. brain, 126. genetics, 127. context

128. per_____te the park *v.* to walk or travel through a particular area or location, especially for leisurely or ceremonial purposes; to walk around or through a particular boundary or area to mark or establish it
129. minor co_____ic changes *adj.* relating to treatment aimed at restoring or improving a person's appearance and attractiveness; (noun) a substance that you put on your face or body to enhance its appearance and make it more attractive
130. electrical c__d *n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
131. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
132. w__ned me of the plan *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
133. the cabin pressure fell dra_____lly *adv.* in a very impressive manner
134. 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
135. worry en_____ly about our future *adv.* in a way that continues for a long time or seems to have no end or limit
136. a fur s__l *v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed

ANSWERS: 128. perambulate, 129. cosmetic, 130. cord, 131. complicated, 132. warn, 133. dramatically, 134. structure, 135. endlessly, 136. seal

137. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
138. venomous oc_____s *n.* a sea creature with a soft round body and eight long tentacles (= long parts like arms)
139. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
140. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
141. sl__e a glance *v.* to move or cause to move smoothly along a surface without interruption
142. vocal ad____b *adj.* improvised or made up on the spot, rather than planned; done or said without preparation or planning; (noun) the act of improvising, especially in a performance setting
143. p__e a smoother road *v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
144. go out of fa_____n *n.* a style that is popular at a particular time or place; the state of being popular
145. tw____h of an eye *v.* to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body
146. co_____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole

ANSWERS: 137. complexity, 138. octopus, 139. communal, 140. colleague, 141. slide, 142. ad-lib, 143. pave, 144. fashion, 145. twitch, 146. construct

147. ill_____te a key point *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
148. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
149. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
150. an or_____ox doctrine *adj.* following or conforming to the traditional, normal, or commonly accepted beliefs, ideas, or activities; of or relating to Judaism; of or relating to the Eastern Orthodox Church
151. vocal mi_____y *n.* the act or skill of copying the sounds or behavior of a particular person or animal, often to make people laugh
152. ge___e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
153. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
154. co__l island *n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
155. 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

ANSWERS: 147. illustrate, 148. eventually, 149. brain, 150. orthodox, 151. mimicry, 152. genome, 153. complicated, 154. coral, 155. sand

156. de_____on in advertising *n.* the act of misleading or tricking someone, often by creating a false impression or concealing the truth; a fraudulent or dishonest action
157. a man-eating 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
158. mo__h into something entirely different *v.* to change or cause to change something or someone smoothly and gradually from one thing to another
159. development of the ne_____s system *adj.* worried and anxious about something; relating to the nerves
160. a hand-loomed fa___c *n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
161. ou___t his competitors *v.* to defeat or overcome someone cleverly or cunningly by outsmarting them; to be more clever or cunning than someone else
162. a fl__h of lightning *n.* a sudden intense burst of radiant energy; a momentary brightness
163. rise nearly hun_____ld *adj.* a hundred times as great or as much
164. re_____e the order *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
165. dis_____te video content *v.* to give something to a large number of individuals, or to spread or furnish something

ANSWERS: 156. deception, 157. shark, 158. morph, 159. nervous, 160. fabric, 161. outwit, 162. flash, 163. hundredfold, 164. reverse, 165. distribute

166. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
167. ast_____cal numbers *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
168. tw_____ed nature *adj.* insincere or hypocritical; deceitful or disloyal; characterized by a tendency to pretend or assume different personas or attitudes in different situations or with different people
169. defense me_____sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
170. ep_____ic story *adj.* happening or appearing at irregular intervals; not continuous or steady; of or relating to writing or narration
171. different den_____ors *n.* the number below the line in a fraction
172. ma_____us performance *adj.* causing wonder or astonishment; excellent
173. in_____ly cope with *adv.* immediately
174. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 166. process, 167. astronomical, 168. two-faced, 169. mechanism, 170. episodic, 171. denominator, 172. marvelous, 173. instantly, 174. evolve

175. re_____sh my spirit
v. to fill something that had previously been emptied
176. en_____er shortage
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
177. d__l purpose
adj. having two parts, aspects, or elements
178. p__y of beast
n. the object of a hunt; an animal hunted or trapped for eating
179. ar__e a case
v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
180. l__e of the liver
n. a rounded projection or division, especially of the brain, lung, or liver
181. di_____y artwork
v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
182. 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
183. ma_____us power
adj. causing wonder or astonishment; excellent
184. a dy_____c market
adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

ANSWERS: 175. replenish, 176. engineer, 177. dual, 178. prey, 179. argue, 180. lobe, 181. display, 182. movement, 183. marvelous, 184. dynamic

185. con_____te a leadership *v.* to make something more vital, more solid, or more certain
186. o_d behavior *adj.* strange or unexpected; not divisible by two
187. submarine pe_____pe *n.* a device that uses mirrors to allow a person to see objects that are not in their direct line of sight, often used on submarines or military vehicles
188. n__m of action *n.* something that is regarded as usual, typical, or standard
189. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
190. st_____le to get the job *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
191. cep_____od mollusk *n.* marine mollusk such as an octopus or squid, characterized by a well-developed head, eyes, and tentacles (= long parts like arms)
192. in_____ve eating *adj.* obtained through feelings rather than facts or proof
193. sp_____l distribution *adj.* of or relating space and the position, area, and size of things
194. bl__h for my mistake *v.* to become red in the face from embarrassment, shame, or modesty
195. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
196. there is no other alt_____ve *n.* one of two or more available possibilities or choice

ANSWERS: 185. consolidate, 186. odd, 187. periscope, 188. norm, 189. equivalent, 190. struggle, 191. cephalopod, 192. intuitive, 193. spatial, 194. blush, 195. amazing, 196. alternative

197. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
198. great ba_____da *n.* a large, predatory, tropical sea fish with sharp teeth that can attack people
199. sp____l injury *adj.* of or relating to the spine (= the long bone in the body's back)
200. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
201. seals sleep und_____er *adv.* below or under the surface of the water
202. a cep_____od with eight arms *n.* marine mollusk such as an octopus or squid, characterized by a well-developed head, eyes, and tentacles (= long parts like arms)
203. di_____y merchandise *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
204. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
205. z__m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
206. a pr_____on instrument *n.* the quality or condition of being exact and accurate
207. historical co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

ANSWERS: 197. amazing, 198. barracuda, 199. spinal, 200. fundamental, 201. underwater, 202. cephalopod, 203. display, 204. planet, 205. zoom, 206. precision, 207. context

208. sq__d ink spaghetti *n.* a sea creature with a long and soft body, large eyes, eight arms, and two tentacles (= long parts like arms), and that is sometimes used for food
209. repeat en_____ly *adv.* in a way that continues for a long time or seems to have no end or limit
210. co_____ge from different points *v.* to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet
211. fl__d assets *n.* a substance that can flow and is not solid
212. private j_t *n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
213. fa__t aroma of roses *adj.* not strong, clear, or vigorous; slight or weak
214. floral mi_____y *n.* the act or skill of copying the sounds or behavior of a particular person or animal, often to make people laugh
215. c__b cakes *n.* a sea creature with two large claws and a flattened back (e.g., blue crab or king crab); a sour or grumpy person who is prone to complaining or criticizing
216. traditional co_____ip *n.* the period of time when two individuals go through the process of getting to know each other, often with the intent of forming a romantic or intimate relationship
217. dy_____c person *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

ANSWERS: 208. squid, 209. endlessly, 210. converge, 211. fluid, 212. jet, 213. faint, 214. mimicry, 215. crab, 216. courtship, 217. dynamic

218. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
219. fi_____ne financial systems *v.* to make tiny changes or improvements to make it work as well as possible
220. tr_____te the emotion to a movement *v.* to convert or change words into another language
221. field of vi___l arts *adj.* relating to seeing or sight
222. de_____on tactics *n.* the act of misleading or tricking someone, often by creating a false impression or concealing the truth; a fraudulent or dishonest action
223. co_____ic fenders on cars *adj.* relating to treatment aimed at restoring or improving a person's appearance and attractiveness; (noun) a substance that you put on your face or body to enhance its appearance and make it more attractive
224. st_____le against discrimination *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
225. co_____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
226. an int_____nce test *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
227. p__e a new path *v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use

ANSWERS: 218. mimic, 219. fine-tune, 220. translate, 221. visual, 222. deception, 223. cosmetic, 224. struggle, 225. construct, 226. intelligence, 227. pave

228. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
229. professional di___r *n.* a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey
230. tr_____te a document into English *v.* to convert or change words into another language
231. energy-ef_____nt appliances *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
232. cultural n___m *n.* something that is regarded as usual, typical, or standard
233. str_____al analyses *adj.* associated with the way on construction or organization of anything
234. make ast_____ng gains *adj.* surprising or shocking; difficult to believe
235. cut_____dge design *adj.* being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity
236. ver_____te biology *adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
237. research on co_____ve psychology *adj.* of or relating to mental processes of understanding

ANSWERS: 228. experiment, 229. diver, 230. translate, 231. efficient, 232. norm, 233. structural, 234. astonishing, 235. cutting-edge, 236. vertebrate, 237. cognitive

238. ack_____ge the deed *v.* to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;
239. cellular signaling pa_____ys *n.* a track that constitutes or serves as a path; an approach or a way of doing something
240. w__y politician *adj.* characterized by slyness, deviousness, or cunning; using trickery or stratagems to achieve one's goals
241. adopt a re_____d attitude *adj.* made pure by having impurities or unwanted elements removed by processing
242. kal_____ope pattern *n.* a toy or optical instrument made up of mirrors and pieces of colored glass or plastic, which produce changing patterns and images when rotated; a constantly changing succession of different things or events
243. ou___t a problem *v.* to defeat or overcome someone cleverly or cunningly by outsmarting them; to be more clever or cunning than someone else
244. stress pr_____n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
245. a r_w of cherry trees *n.* an arrangement of objects or people side by side in a line

ANSWERS: 238. acknowledge, 239. pathway, 240. wily, 241. refined, 242. kaleidoscope, 243. outwit, 244. protein, 245. row

246. com_____te his anxieties to the psychiatrist
v. to share or exchange information with others by speaking, writing, moving your body, or using other signals
247. con_____re theory
n. an opinion or conclusion formed based on incomplete information; a theory or speculation that is unsupported by firm evidence or proof
248. harbor po_____se
n. a type of small, toothed cetacean with a rounded head and a curved dorsal fin found in coastal waters in many parts of the world
249. scientific con_____re
n. an opinion or conclusion formed based on incomplete information; a theory or speculation that is unsupported by firm evidence or proof
250. ins_____ous reaction
adj. occurring or happening immediately or without delay; taking place in an instant or moment
251. a meteorological sa_____te
n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
252. w__n a reckless driver
v. to make someone aware of potential danger or difficulty, particularly one that may occur in the future
253. de_____p a strategy
v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 246. communicate, 247. conjecture, 248. porpoise, 249. conjecture, 250. instantaneous, 251. satellite, 252. warn, 253. develop

254. ad___b comedy *adj.* improvised or made up on the spot, rather than planned; done or said without preparation or planning; (noun) the act of improvising, especially in a performance setting
255. ins_____ous message *adj.* occurring or happening immediately or without delay; taking place in an instant or moment
256. 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
257. im_____on in acid *n.* the act of putting someone or something into a liquid completely; the state of being completely involved in a subject or activity
258. dog-loving m___e *n.* a person's partner in marriage or romantic relationship; an animal's sexual partner; a peer or friend; (of the game of chess) checkmate, which is the winning condition of the game
259. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
260. deep-sea di___r *n.* a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey
261. can of w___ms *n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes

ANSWERS: 254. ad-lib, 255. instantaneous, 256. neuron, 257. immersion, 258. mate, 259. discovery, 260. diver, 261. worm

262. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
263. spinal c__d *n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
264. brilliant fl__h *n.* a sudden intense burst of radiant energy; a momentary brightness
265. ou_____e the findings *v.* to describe the main facts or aspects involved in something
266. fl__t with him *v.* to talk or behave as if sexually attracted to someone, without serious intentions; (noun) a seductive woman who uses her sex appeal to exploit men
267. take a be_____e approach *n.* a straight, direct route taken with or as if with the intentions of a bee flying to its hive or a source of nectar or pollen
268. ast_____ng achievement *adj.* surprising or shocking; difficult to believe
269. com_____on number *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
270. cut_____dge molecular biology *adj.* being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity
271. color-changing chr_____ores *n.* a cell or group of cells in the skin or other tissues of animals that contain pigment and can change color to blend in with the surroundings, communicate, or regulate temperature

ANSWERS: 262. complexity, 263. cord, 264. flash, 265. outline, 266. flirt, 267. beeline, 268. astonishing, 269. combination, 270. cutting-edge, 271. chromatophore

272. genic com_____ons *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
273. new fa_____n trends *n.* a style that is popular at a particular time or place; the state of being popular
274. che_____ard frame *n.* a board having 64 squares of two alternating black and white colors used for playing draughts, also known as checker
275. genetic chr_____ore *n.* a cell or group of cells in the skin or other tissues of animals that contain pigment and can change color to blend in with the surroundings, communicate, or regulate temperature
276. romantic co_____ip *n.* the period of time when two individuals go through the process of getting to know each other, often with the intent of forming a romantic or intimate relationship
277. ma_____l place *adj.* produced by or containing supernatural powers
278. follow a di_____nt path *adj.* different or becoming different from another or a standard; tending to move apart in different directions
279. improve hun_____ld *adj.* a hundred times as great or as much
280. b__p against a wall *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
281. str_____al reorganization *adj.* associated with the way on construction or organization of anything

ANSWERS: 272. combination, 273. fashion, 274. checkerboard, 275. chromatophore, 276. courtship, 277. magical, 278. divergent, 279. hundredfold, 280. bump, 281. structural

282. small mo____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
283. ind____us student *adj.* hardworking, diligent, and persistent in effort
284. 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
285. pr____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
286. in____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
287. floating se____d *n.* a plant that grows in the sea or on land very close to the sea, especially marine algae
288. ma____l powers *adj.* produced by or containing supernatural powers
289. 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
290. po____se habitat *n.* a type of small, toothed cetacean with a rounded head and a curved dorsal fin found in coastal waters in many parts of the world

ANSWERS: 282. molecule, 283. industrious, 284. sand, 285. protein, 286. inspire, 287. seaweed, 288. magical, 289. shark, 290. porpoise

291. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
292. ar__e passionately *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
293. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
294. barrier r__f *n.* a long chain or range of rocks or sand near the ocean's surface
295. dried cut_____sh *n.* a sea creature with eight arms and two tentacles (= long parts like arms) that has a wide and flat shell inside its body
296. a space-time co_____um *n.* a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts
297. pe_____pe lens *n.* a device that uses mirrors to allow a person to see objects that are not in their direct line of sight, often used on submarines or military vehicles
298. common den_____or *n.* the number below the line in a fraction
299. be___g to a group *v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
300. re_____sh a reserve fund *v.* to fill something that had previously been emptied

ANSWERS: 291. evolve, 292. argue, 293. molecule, 294. reef, 295. cuttlefish, 296. continuum, 297. periscope, 298. denominator, 299. belong, 300. replenish

301. se__e between topics *v.* to make a smooth and uninterrupted transition from one topic or activity to another
302. b__p up prices *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
303. gi__t trees *adj.* enormous; much bigger or more important than similar items usually are
304. fla_____nt style *adj.* showy, bold, or striking in appearance or behavior; characterized by extravagance, eccentricity, or ostentatiousness
305. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
306. policy dec_____ker *n.* a person who makes important decisions, especially at a high level in an organization
307. be__g to different species *v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
308. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
309. a private ind_____al *n.* a single person or thing, as distinct from a group
310. re_____e the trend *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

ANSWERS: 301. segue, 302. bump, 303. giant, 304. flamboyant, 305. equivalent, 306. decision-maker, 307. belong, 308. industrious, 309. individual, 310. reverse

311. improve co_____ve function *adj.* of or relating to mental processes of understanding
312. wiggly w__ms *n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes
313. sp_____l ability *adj.* of or relating space and the position, area, and size of things
314. the fin of a cut_____sh *n.* a sea creature with eight arms and two tentacles (= long parts like arms) that has a wide and flat shell inside its body
315. brain and sp____l cord *adj.* of or relating to the spine (= the long bone in the body's back)
316. smoking m__e *n.* a person's partner in marriage or romantic relationship; an animal's sexual partner; a peer or friend; (of the game of chess) checkmate, which is the winning condition of the game
317. human ev_____on *n.* a gradual process of transformation of living things
318. ou_____ed the plan *v.* to describe the main facts or aspects involved in something
319. in an o_d way *adj.* strange or unexpected; not divisible by two
320. cam_____ge clothing *n.* an outward appearance that conceals the underlying essence of something; the way of concealing troops or military equipment so they cannot be seen against the surrounding environment
321. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 311. cognitive, 312. worm, 313. spatial, 314. cuttlefish, 315. spinal, 316. mate, 317. evolution, 318. outline, 319. odd, 320. camouflage, 321. develop

322. me_____cs equation

n. the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles

ANSWERS: 322. mechanics

Session 3: Fill in the Blanks

1. 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

2. My husband never _____ with other women.
 - v. to talk or behave as if sexually attracted to someone, without serious intentions; (noun) a seductive woman who uses her sex appeal to exploit men

3. He never _____ his fault.
 - v. to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;

4. I need time to _____ on that idea before making a decision.
 - v. to think deeply and carefully about something

5. The patient's memory loss is _____ with periods of normal memory followed by episodes of amnesia.
 - adj. happening or appearing at irregular intervals; not continuous or steady; of or relating to writing or narration

6. The body needs a certain amount of _____ to build and repair tissues.
 - n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

7. The cost of the new equipment was _____ and beyond the company's budget.
 - adj. relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude

ANSWERS: 1. display, 2. flirts, 3. acknowledged, 4. cogitate, 5. episodic, 6. protein, 7. astronomical

8. I need to _____ this document before submitting it to my boss.
- v. to prepare written material for publication by correcting, condensing, or otherwise modifying it
9. The two universities will _____ in July next year.
- v. to make something more vital, more solid, or more certain
10. She soaked _____ in water until tender.
- n. a plant that grows in the sea or on land very close to the sea, especially marine algae
11. Marine _____ populations are declining worldwide due to ocean pollution.
- n. any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
12. 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
13. _____ surgery is becoming more common in Asia due to lowering prices.
- adj. relating to treatment aimed at restoring or improving a person's appearance and attractiveness; (noun) a substance that you put on your face or body to enhance its appearance and make it more attractive
14. He loves to eat raw, sliced _____.
- n. a sea creature with eight arms and two tentacles (= long parts like arms) that has a wide and flat shell inside its body
15. The search and rescue team sent a team of _____ to search for the missing plane wreckage.
- n. a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey

ANSWERS: 8. edit, 9. consolidate, 10. seaweed, 11. mammal, 12. neuron, 13. Cosmetic, 14. cuttlefish, 15. divers

16. I remembered that person _____ and never forgot.

adv. immediately

17. He challenged the _____ views on business.

adj. following or conforming to the traditional, normal, or commonly accepted beliefs, ideas, or activities; of or relating to Judaism; of or relating to the Eastern Orthodox Church

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

adj. surprising or shocking; difficult to believe

19. She was diagnosed with a _____ buildup in her lungs.

n. a substance that can flow and is not solid

20. His grandfather was an _____ man.

adj. strange or unexpected; not divisible by two

21. They utilized branches of trees as _____.

n. an outward appearance that conceals the underlying essence of something; the way of concealing troops or military equipment so they cannot be seen against the surrounding environment

22. The European Central Bank is Europe's _____ of the Federal Reserve.

n. having the same value, quality, meaning, purpose, etc.

23. Who answers _____ knows little.

adv. quickly and unexpectedly

24. The fox had dug a _____ in the side of the hill, where it could rest and hide from predators.

n. a wild animal's lair or hiding places, such as a fox or bear

ANSWERS: 16. instantly, 17. orthodox, 18. astonishing, 19. fluid, 20. odd, 21. camouflage, 22. equivalent, 23. suddenly, 24. den

25. The lungs are divided into five _____.

n. a rounded projection or division, especially of the brain, lung, or liver

26. I felt like I was in a different world because of the _____ experience of virtual reality.

n. the act of putting someone or something into a liquid completely; the state of being completely involved in a subject or activity

27. _____ elections were held in several European countries.

adj. belonging to or used by a group rather than individuals; for common use

28. He experienced nausea after eating live _____.

n. a sea creature with a soft round body and eight long tentacles (= long parts like arms)

29. My computer has been acting _____ recently.

adj. extraordinary, unexpected, or difficult to explain

30. The _____ technology was revolutionary in its field.

adj. being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity

31. Her golden hair was _____ in China.

adj. visible or observable; likely to draw attention

32. _____ algorithms can find ways to optimize that humans do not anticipate.

adj. relating to or denoting how living things develop or change from earlier forms

ANSWERS: 25. lobes, 26. immersion, 27. Communal, 28. octopus, 29. weird, 30. cutting-edge, 31. conspicuous, 32. Evolutionary

33. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
34. I decided to seek counseling on the advice of my _____.
- n.* one of a group of a coworker, especially in a profession or a business
35. _____ move quickly through the outflow of water from a muscular funnel beneath the head.
- n.* marine mollusk such as an octopus or squid, characterized by a well-developed head, eyes, and tentacles (= long parts like arms)
36. The procession of demonstrators was _____ continuing.
- adv.* in a way that continues for a long time or seems to have no end or limit
37. The _____ of the butterfly's wings was genuinely breathtaking.
- n.* the property of displaying a play of colors, like those of a rainbow, that change as the angle of view or the angle of illumination changes
38. The systems we have developed has accepted as industry _____.
- n.* something that is regarded as usual, typical, or standard
39. The team's performance has been _____ poor this season.
- adv.* in a way that is not typical or expected
40. It's important to understand the _____ of a situation before making a decision.
- n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

ANSWERS: 33. process, 34. colleague, 35. Cephalopods, 36. endlessly, 37. iridescence, 38. norms, 39. unusually, 40. context

41. The surgeon carefully confirmed how to remove the tumor to avoid damaging the _____ nerves.

adj. of or relating to the spine (= the long bone in the body's back)

42. In terms of _____ he was head and shoulders above his classmates.

n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

43. The building makes a remarkable _____ impact.

adj. relating to seeing or sight

44. The comedian's _____ humor kept the audience laughing throughout the night.

adj. improvised or made up on the spot, rather than planned; done or said without preparation or planning; (noun) the act of improvising, especially in a performance setting

45. He suffers from _____ breakdowns.

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

46. They _____ the courtyard with bricks, giving it a more polished appearance.

v. to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use

47. The prime minister had to reconcile _____ opinions on controversial issues like abortion.

adj. different or becoming different from another or a standard; tending to move apart in different directions

48. The _____ politician made promises to the public that contradicted his actions behind closed doors.

adj. insincere or hypocritical; deceitful or disloyal; characterized by a tendency to pretend or assume different personas or attitudes in different situations or with different people

ANSWERS: 41. spinal, 42. intelligence, 43. visual, 44. ad-lib, 45. nervous, 46. paved, 47. divergent, 48. two-faced

49. The soldier peeked through the _____ to watch for enemy movements.
- n.* a device that uses mirrors to allow a person to see objects that are not in their direct line of sight, often used on submarines or military vehicles
50. 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
51. The company's financial records _____ how successful it has been.
- v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
52. The _____ of colors in the sunset was breathtaking.
- n.* a toy or optical instrument made up of mirrors and pieces of colored glass or plastic, which produce changing patterns and images when rotated; a constantly changing succession of different things or events
53. He narrated the _____ story of his adventure.
- adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
54. Our life is a _____ of experience in which events pass from the future through the present to the past.
- n.* a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts
55. The corporation _____ dominated the entire tobacco business.
- adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
56. The government should not try to _____ the economy excessively based on a short-term prediction.
- v.* to make tiny changes or improvements to make it work as well as possible

ANSWERS: 49. periscope, 50. molecule, 51. illustrate, 52. kaleidoscope, 53. extraordinary, 54. continuum, 55. eventually, 56. fine-tune

57. He _____ the letter with hot wax.

- v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed

58. I need to find a _____ for my female guinea pig so she doesn't get lonely.

- n.* a person's partner in marriage or romantic relationship; an animal's sexual partner; a peer or friend; (of the game of chess) checkmate, which is the winning condition of the game

59. The first step is to rationalize the _____ of a fraction.

- n.* the number below the line in a fraction

60. This page _____ our response planning for an emergency.

- v.* to describe the main facts or aspects involved in something

61. 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

62. He was the leader of the demonstrators and spoke out against the war in the front _____.

- n.* an arrangement of objects or people side by side in a line

63. There was a disturbance of _____ function.

- adj.* of or relating to a nerve or the nervous system that includes the brain

64. If necessary, you can _____ the front seats forward.

- v.* to move or cause to move smoothly along a surface without interruption

ANSWERS: 57. sealed, 58. mate, 59. denominator, 60. outlines, 61. shark, 62. row, 63. neural, 64. slide

65. He carefully determined the _____ relations of every piece of the stage set.
adj. of or relating space and the position, area, and size of things
66. The similarities between the two cultures suggest _____ evolution.
adj. tending to come together or meet at a point; merging or intersecting; characterized by similarities or commonalities, particularly in different fields or areas of knowledge
67. Advancements in _____ have revolutionized medicine and agriculture.
n. the application of technological processes and methods to biological systems to develop new products or techniques, such as genetically modified organisms or biopharmaceuticals
68. The new software provides _____ results, making it much more efficient than the previous version.
adj. occurring or happening immediately or without delay; taking place in an instant or moment
69. When I was a child, my mother often cast _____ spells to ease my pain whenever I was injured.
adj. produced by or containing supernatural powers
70. Two students answered the teacher's question _____.
adv. at the same time
71. He was known to be very _____ and would often work late into the night.
adj. hardworking, diligent, and persistent in effort
72. There was much _____ about the cause of the fire, but the investigation is still ongoing.
n. an opinion or conclusion formed based on incomplete information; a theory or speculation that is unsupported by firm evidence or proof

ANSWERS: 65. spatial, 66. convergent, 67. biotechnology, 68. instantaneous, 69. magical, 70. simultaneously, 71. industrious, 72. conjecture

73. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
74. He is a specialist in the _____ of aging.
n. the branch of biology that studies genes, genetic variation, and heredity in organisms
75. This company _____ its battery problem completely.
v. to find a suitable answer to the problems or difficulty
76. The view from the top of the mountain was _____.
adj. causing wonder or astonishment; excellent
77. The presence of a backbone is a defining characteristic of _____ animals.
adj. relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
78. He studied _____ in college and now works as an engineer.
n. the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles
79. The actor's _____ outfit stole the show at the red carpet-event.
adj. showy, bold, or striking in appearance or behavior; characterized by extravagance, eccentricity, or ostentatiousness
80. 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

ANSWERS: 73. experiments, 74. genetics, 75. resolves, 76. marvelous, 77. vertebrate, 78. mechanics, 79. flamboyant, 80. sand

81. The court reporter was responsible for creating a _____ of the trial proceedings.

n. a written or printed version of something, especially a dictated or recorded speech, interview, or conversation; an official record of a student's coursework and grades at a school or university

82. The _____ jets gradually dominate the world's airlines.

adj. enormous; much bigger or more important than similar items usually are

83. She _____ when the boy complimented her.

v. to become red in the face from embarrassment, shame, or modesty

84. His _____ faculties were getting worse because of a lack of sleep.

adj. of or relating to mental processes of understanding

85. This historic city is famous for its _____ streets.

n. a board having 64 squares of two alternating black and white colors used for playing draughts, also known as checker

86. The majority of snakes swallow their _____ whole.

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

87. The earthquake resulted in significant _____ destruction.

adj. associated with the way on construction or organization of anything

88. The unique style of this martial arts _____ many action film producers.

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

ANSWERS: 81. transcript, 82. giant, 83. blushed, 84. cognitive, 85. checkerboard, 86. prey, 87. structural, 88. inspired

89. 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

90. _____ the text from Italian into English.

- v.* to convert or change words into another language

91. She was highly _____ in her choice of apparel.

- adj.* made pure by having impurities or unwanted elements removed by processing

92. We must _____ a new system to streamline our workflow and increase efficiency.

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

93. _____ help dispose of the food waste produced by humans.

- n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes

94. The playful _____ leaped out of the water and performed acrobatics for the onlookers.

- n.* a type of small, toothed cetacean with a rounded head and a curved dorsal fin found in coastal waters in many parts of the world

95. 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

96. The mountain range was full of rocky _____ and deep valleys.

- n.* a long, narrow, raised landform or rock formation

ANSWERS: 89. planet, 90. Translate, 91. refined, 92. develop, 93. Worms, 94. porpoise, 95. discovery, 96. ridges

97. Doctors are gradually coming around to the idea of using _____ medicines.
- n.* one of two or more available possibilities or choice
98. This operation requires both patience and _____.
- n.* the quality or condition of being exact and accurate
99. All the books in this section _____ to the library's rare collection and must be handled carefully.
- v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
100. She accidentally _____ into him in the crowded room.
- v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
101. When the first molecule in the _____ receives a signal, it activates other molecules.
- n.* a track that constitutes or serves as a path; an approach or a way of doing something
102. 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
103. She is wearing a _____ necklace.
- n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
104. The giant _____ weighed over 50 kilograms.
- n.* a sea creature with a long and soft body, large eyes, eight arms, and two tentacles (= long parts like arms), and that is sometimes used for food

ANSWERS: 97. alternative, 98. precision, 99. belong, 100. bumped, 101. pathway, 102. complicated, 103. coral, 104. squid

105. The vessel ran aground on a _____.

n. a long chain or range of rocks or sand near the ocean's surface

106. That style is no longer in _____.

n. a style that is popular at a particular time or place; the state of being popular

107. Launching an artificial _____ contributed to the technological development of our country.

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

108. The _____ to the safe was a secret.

n. a collection of things that have been combined; an assemblage of separate parts or qualities

109. He could _____ his opponents with his quick thinking and clever strategy.

v. to defeat or overcome someone cleverly or cunningly by outsmarting them; to be more clever or cunning than someone else

110. Dolphins use sound to _____ with each other.

v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

111. He is very popular at school because he can _____ all the teachers' accents.

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

112. He discovered unique _____ for photochemical reactions.

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

ANSWERS: 105. reef, 106. fashion, 107. satellite, 108. combination, 109. outwit, 110. communicate, 111. mimic, 112. mechanisms

113. She was struggling to make a _____ between two job offers.

- n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options

114. Your spinal _____ is located deep within your body.

- n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment

115. The couple began to _____ over which restaurant to go to for dinner.

- v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

116. Life expectancy has grown _____ this century.

- adv.* in a very impressive manner

117. The _____ on the tongue helps to detect taste.

- n.* a small, nipple-like projection or bump on the surface of an organ or tissue, typically involved in absorption or sensory perception

118. He smoothly _____ from one topic to the next during his presentation.

- v.* to make a smooth and uninterrupted transition from one topic or activity to another

119. The new washing machine is much more _____ than the old one.

- adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

120. Some insects use _____ to avoid detection by predators.

- n.* the act or skill of copying the sounds or behavior of a particular person or animal, often to make people laugh

ANSWERS: 113. decision, 114. cord, 115. argue, 116. dramatically, 117. papilla, 118. segued, 119. efficient, 120. mimicry

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

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

122. 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

123. I had an _____ feeling that I might be pregnant.

- adj.* obtained through feelings rather than facts or proof

124. These heavy rains caused _____ floods on several islands.

- n.* a sudden intense burst of radiant energy; a momentary brightness

125. This company _____ into an enterprise company.

- v.* to change or cause to change something or someone smoothly and gradually from one thing to another

126. His estate was _____ to his sons.

- v.* to give something to a large number of individuals, or to spread or furnish something

127. This laptop has a _____ processor, making it fast and efficient.

- adj.* having two parts, aspects, or elements

128. He _____ back in time to the soccer game.

- v.* to move along very quickly; (noun) the act of rising upward into the air

129. The _____ will repair my telephone tomorrow morning.

- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 121. warn, 122. complexity, 123. intuitive, 124. flash, 125. morphed, 126. distributed, 127. dual-core, 128. zoomed, 129. engineer

130. The development team reported two _____ increases in performance.

adj. a hundred times as great or as much

131. The human _____ contains approximately three billion chemical base pairs.

n. the complete set or sequence of genes of a human, animal, plant, or other living things

132. I fished a giant greyish-brown _____ highly regarded as food.

n. a large, predatory, tropical sea fish with sharp teeth that can attack people

133. The two rivers _____ into one near this area.

v. to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet

134. The doctor advised the patient to _____ daily to aid in their recovery.

v. to walk or travel through a particular area or location, especially for leisurely or ceremonial purposes; to walk around or through a particular boundary or area to mark or establish it

135. 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

136. Eyeless fish _____ in dark caves.

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

137. She heard a _____ nearly invisible scream.

adj. not strong, clear, or vigorous; slight or weak

ANSWERS: 130. hundredfold, 131. genome, 132. barracuda, 133. converge, 134. perambulate, 135. structure, 136. evolved, 137. faint,

138. Please _____ my glass with some more wine.

v. to fill something that had previously been emptied

139. 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

140. These synthetic _____ are used in military vests because of their excellent abrasion resistance.

n. cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.

141. 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

142. After finishing his last final exam, he made a _____ for the home to relax.

n. a straight, direct route taken with or as if with the intentions of a bee flying to its hive or a source of nectar or pollen

143. He could not _____ against temptation.

v. to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

144. 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

145. A wealth of information does not always have a positive impact on _____.

n. a person who makes important decisions, especially at a high level in an organization

ANSWERS: 138. replenish, 139. movement, 140. fabrics, 141. individual, 142. beeline, 143. struggle, 144. brain, 145. decision-makers

146. I ordered a plate of fresh _____ at the seafood restaurant.

- n.* a sea creature with two large claws and a flattened back (e.g., blue crab or king crab); a sour or grumpy person who is prone to complaining or criticizing

147. Human behavior has _____ characteristics.

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

148. He _____ hypotheses that no mathematician has ever imagined before.

- v.* to build or create something; to assemble or combine different parts to form something whole

149. The politician was accused of _____ for making false promises during his campaign.

- n.* the act of misleading or tricking someone, often by creating a false impression or concealing the truth; a fraudulent or dishonest action

150. The movie depicts an old-fashioned _____ between the two main characters.

- n.* the period of time when two individuals go through the process of getting to know each other, often with the intent of forming a romantic or intimate relationship

151. The restaurant _____ a ban on smoking.

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

152. The sprinter has a _____ way of running.

- adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

ANSWERS: 146. crab, 147. fundamental, 148. constructs, 149. deception, 150. courtship, 151. reversed, 152. dynamic

153. They study the _____ of the universe.

n. a gradual process of transformation of living things

154. Could you help me _____ some furniture?

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

155. The octopus has an intricate network of _____ that allow it to blend into its surroundings.

n. a cell or group of cells in the skin or other tissues of animals that contain pigment and can change color to blend in with the surroundings, communicate, or regulate temperature

156. He is good at swimming _____.

adv. below or under the surface of the water

157. The ____ flew over the ocean at high speed, reaching its destination in hours.

n. a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances

158. The golfer recorded an _____ distance.

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

159. She couldn't stop her leg from _____ nervously.

v. to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body

160. The ____ fox was able to outsmart the hunters and escape unscathed.

adj. characterized by slyness, deviousness, or cunning; using trickery or stratagems to achieve one's goals

ANSWERS: 153. evolution, 154. shift, 155. chromatophores, 156. underwater, 157. jet, 158. amazing, 159. twitching, 160. wily

161. The company is environmentally conscious, and _____ it uses sustainable materials in its products.

adv. indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

ANSWERS: 161. moreover,