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Julia Watson: How to build a resilient future using ancient wisdom | TED Talk

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

All Words

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Session 1: Word List

architectural

adj. of or relating to the design and construction of buildings and other structures and the features and style of such structures

synonym : structural, building, constructive

(1) study **architectural** engineering, (2) beautiful **architectural** landmarks

The **architectural** style of the building was a mix of modern and traditional.

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.

aqueduct

n. a structure constructed to carry water over a long distance, typically consisting of a series of arches or elevated channels supported by pillars or towers

synonym : conduit, canal, channel

(1) **aqueduct** system, (2) mountain **aqueduct**

The ancient Romans built an **aqueduct** to transport water to the city.

ancient

adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

synonym : archaic, age-old, obsolete

(1) pre-Christian **ancient**, (2) **ancient** stories

They have been living near water since **ancient** times.

feat

n. a notable or impressive achievement, especially one that requires great skill or bravery

synonym : achievement, accomplishment, exploit

(1) intellectual **feat**, (2) **feat** accomplishment

It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

innovation

n. the creation of a new device or process resulting from study and experimentation

synonym : invention, initiation, creation

(1) **innovation** leader, (2) cutting-edge **innovation**

The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

architect

n. a person whose job is to design plans to be used in making something, such as buildings

synonym : creator, designer, planner

(1) landscape **architect**, (2) **architect** of the peace accord

The building **architect** tried to build the house above the tree.

monument

n. a statue, building, or other structure erected to commemorate a person or event

synonym : memorial, marker, statue

(1) humanity's **monument**, (2) **monument** honoring

The stone **monument** was built to commemorate the war heroes.

collapse

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

synonym : tumble, spill, bankruptcy

(1) the stock market **collapsed**, (2) ready to **collapse**
The roof finally **collapsed** after three days and three nights of heavy snowfall.

indigenous

adj. someone or something that is native to or occurring naturally in a particular place

synonym: domestic, endemic, primitive

(1) **indigenous** crop, (2) **indigenous** peoples

The **indigenous** plants need to be pollinated by local insects.

environment

n. the natural world such as air, water, and land in which humans, animals, and plants live

synonym: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

extreme

adj. very great in amount or degree

synonym: farthestmost, outermost, fierce

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

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

desert

n. arid land with little or no vegetation often covered with sand or rocks

(1) **desert** basin, (2) oasis in the **desert**

This region is predominantly **desert**.

drought

n. a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation

synonym: dryness, aridity, water shortage

(1) periods of **drought**, (2) **drought** conditions

The region has been experiencing a severe **drought**, leading to water shortages and crop failures.

frequent

adj. happening constantly

synonym : periodic, recurring, routine

(1) **frequent** absence, (2) **frequent** use

His heartaches are less **frequent** now.

flood

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

synonym : deluge, downpour, overflow

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

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

overlook

v. to fail to notice something; to watch over someone; to provide a view from above

synonym : disregard, look down, supervise

(1) **overlook** a street, (2) **overlook** that fact

We cannot **overlook** an opportunity for great success.

plain

adj. without being decorated in any way; (Noun) a vast expanse of flat land with few trees

synonym : basic, straight, bare

(1) **plain** answer, (2) delta **plain**

The lowest lowland region is mostly flat **plain**.

rainfall

n. the amount of rain that falls in a specific location at a particular moment

synonym : downpour, drizzle, rain

(1) the mean annual **rainfall**, (2) heavy **rainfall**

These plants thrive in hot climates with abundant **rainfall**.

monsoon

n. a seasonal wind system that brings heavy rainfall to a region, typically occurring in tropical areas

synonym : rainy season, deluge, downpour

(1) **monsoon** season, (2) **monsoon** current

The **monsoon** rains often bring relief to areas suffering from drought.

transform

v. to change in outward structure or looks;

synonym: alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

landscape

n. an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

synonym: geography, terrain, topography

(1) a peaceful **landscape**, (2) **landscape** painting

Recent electoral shocks have shaken the political **landscape** in Europe.

canopy

n. a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it

synonym: cover, top, shade

(1) **canopy** layer, (2) under a **canopy** of smoke

The forest's **canopy** provides shade and protection for the plants and animals below.

isolate

v. to physically or socially separate someone or something from other people or things

synonym: separate, sequester, insulate

(1) **isolate** a compound, (2) **isolate** a patient

You should not **isolate** them from the community.

tribe

n. a social group made up of members who live together, sharing the same language, culture, religion, etc., especially those who do not live in towns or cities

synonym: family, clan, kinsfolk

(1) aboriginal **tribe**, (2) mountain **tribe**

The **tribe** had distinctly defined gender roles.

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.

wrap

v. to cover or enclose something entirely with paper, cloth, or other material

synonym : surround, cover, bandage

(1) **wrap** a fish in foil, (2) **wrap** up a meeting

Wrap the bandage tightly around the injured arm.

weave

v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

synonym : braid, unite, contrive

(1) **weave** on a loom, (2) **weave** a story

The girl **weaves** a garland for her friend.

scaffold

n. a temporary platform or structure used to support workers and materials during construction or maintenance work

synonym : platform, staging, framework

(1) **scaffold** construction, (2) go to the **scaffold**

The construction workers set up the **scaffold** to reach the top of the building.

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.

tradition

n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

synonym : custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

globe

n. the earth or world, mainly used to emphasize its vastness

synonym : Earth, world, sphere

(1) terrestrial **globe**, (2) around the **globe**

His final goal is to sail around the **globe**.

wetland

adj. land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs

synonym : bog, marsh, swamp

(1) **wetland** conservation, (2) **wetland** ecosystem

The **wetland** area was home to many different species of birds.

confluence

n. the point at which two or more streams or rivers come together; a gathering of people or things at a particular location or moment

synonym : merging, convergence, meeting

(1) arterial **confluence**, (2) **confluence** of ideas

A **confluence** of two smaller streams formed the river.

human-made

adj. created or produced by humans; artificial

synonym : artificial, unnatural, manufactured

(1) **human-made** climate change, (2) the worst **human-made** disaster

The bridge is a **human-made** structure and was built to span the river.

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.

integral

adj. necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph

synonym : essential, fundamental, indispensable

(1) **integral** function, (2) **integral** component

Effective communication is an **integral** part of any successful team.

aspect

n. one part or feature of a situation, problem, subject, etc.

synonym : characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

buffalo

n. a large wild ox with shaggy hair found in Asia and North America

synonym : bison, ox, beefalo

(1) **buffalo** horn, (2) **buffalo** steak

The **buffalo** roam freely in the plains of North America.

biodegrade

v. to decay naturally by microorganisms, such as bacteria and fungi

(1) **biodegrade** by the microorganism, (2) bioplastic designed to **biodegrade**

The company's plastic products are easily **biodegraded** thanks to a unique manufacturing process.

buoyant

adj. lighthearted and cheerful; tending to float; having a positive attitude or outlook

synonym : optimistic, lighthearted, floating

(1) **buoyant** force, (2) **buoyant** market

His **buoyant** personality helped lift the spirits of everyone in the room.

cathedral

n. the main Christian church of a bishop's diocese, which is often the largest and most important church in the area

synonym : church, basilica, temple

(1) **cathedral** school, (2) **cathedral** choir

The **cathedral's** stained glass windows depicted scenes from the Bible.

bundle

n. a group of things that are tied or wrapped together; a large amount or quantity of something; a package or parcel of things

synonym : package, parcel, bale

(1) **bundle** of papers, (2) travel **bundle**

I tied up the **bundle** of newspapers and took them to the recycling center.

column

n. one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument

synonym : line, pillar, cue

(1) the spinal **column**, (2) a **column** of water

The newspaper devoted several **columns** to the affair.

twist

v. to bend or turn something into a certain shape

synonym : wrench, turn, twirl

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

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

bind

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

strongly

synonym : tie, stick to, adhere

(1) **bind** the man's hands, (2) **bind** old letters into a bundle
The company's rules **bind** the employee's working hours.

nail

n. a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes

synonym : pin, tack, fastener

(1) rusty **nail**, (2) **nail** clipper

He used a hammer and round **nail** to fix the loose board on the fence.

marsh

n. a type of land that is always wet and has soft soil; swamp or bog

synonym : bog, swamp, fen

(1) **marsh** bird, (2) river-delta **marsh**

Environmentalists are concerned about the harm to the **marsh**.

afloat

adj. floating or staying on the surface of a liquid or body of water; having enough money or resources to stay out of debt or financial trouble

synonym : floating, drifting, buoyant

(1) **afloat** in debt, (2) cargo **afloat**

Despite facing financial difficulties, the small business managed to stay **afloat** thanks to its loyal customers.

pandemic

n. an outbreak of a disease that affects many people over a very wide area

synonym : outbreak

(1) flu **pandemic**, (2) global **pandemic**

They fear a **pandemic** of a new type of virus.

sink

v. to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something

else

synonym : descend, drop, plummet

(1) **sink** a lot of capital, (2) **sink** a buzzer-beater

The abandoned ship slowly began to **sink** into the murky waters of the harbor.

technological

adj. based on scientific and industrial progress

synonym : specialized, technical

(1) **technological** advancement, (2) **technological** policy

Technological advances have disrupted many industries.

definitely

adv. without any question and beyond doubt; clearly

synonym : absolutely, certainly, indeed

(1) **definitely** become a problem, (2) say **definitely**

The paper is **definitely** worth reading thoroughly.

contaminate

v. to make something impure, unclean, or poisonous by contact or mixture

synonym : defile, pollute, adulterate

(1) **contaminate** with a disease, (2) **contaminate** his ego

We strive not to **contaminate** the environment when demolishing petroleum plants.

sew

v. to join, fasten, or repair two pieces of something by putting the thread through them with a needle

synonym : stitch, darn, tailor

(1) **sew** with thread, (2) **sew** a button

My mother taught me how to **sew**.

flank

n. the side of an animal, especially the side between the last rib and the hip; the side of military or naval formation; (verb) to be located on either side of something

synonym : side, edge, rim

(1) **flank** pain, (2) attack the left **flank**

The **flank** of the mountain was difficult to climb.

escarpment

n. a long, steep slope or cliff, typically separating two relatively level or more gently sloping areas, often formed by erosion or faulting

synonym : cliff, precipice, scarp

(1) **escarpment** trail, (2) narrow **escarpment**

The hikers trekked up the steep **escarpment** and reached the summit.

trash

n. discarded material, refuse, or waste

synonym : garbage, waste, refuse

(1) **trash** bin, (2) **trash** disposal site

The city is taking measures to reduce the amount of **trash** in the streets.

ribbon

n. a long, narrow strip or band of fabric, often used for decoration or tying things together; a symbol or badge representing a particular honor or award

synonym : band, strip, sash

(1) silk **ribbon**, (2) pink **ribbon** campaign

She tied the **ribbon** around the gift box to make it look pretty.

highway

n. a main road, especially one connecting major towns or cities

synonym : road, expressway, freeway

(1) **highway** system, (2) an interstate **highway**

I'm going to take the **highway** to get to my destination faster.

pond

n. a small, shallow lake

synonym : lake, pool, basin

(1) a garden **pond**, (2) **pond** water

The freshwater **pond** was home to many different types of fish and was a popular spot for fishing.

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.

sunshine

n. the direct light and heat that comes from the sun
synonym: sunlight, daylight, rays

(1) warm **sunshine**, (2) morning **sunshine**

The **sunshine** was so bright that I had to wear sunglasses to protect my eyes.

symbiosis

n. a close, prolonged association between two or more different species of organisms, typically to the advantage of all

synonym: cooperation, interdependence, mutualism

(1) industrial **symbiosis**, (2) **symbiosis** establishment

The **symbiosis** between the coral and the algae is an important example of mutualism.

algae

n. A simple plant that grows in or near water and lacks typical leaves and roots

(1) **algae** biofuel, (2) blue **algae**

Algae has jammed the inlet to the water turbine.

bacteria

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

synonym: microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

Bacteria prevalent in hospitals are often resistant to antibiotics.

wastewater

n. water that contains waste substances from homes, farms, factories, etc.

synonym: drainage, sewerage

(1) **wastewater** disposal equipment, (2) biological **wastewater**

As that country developed its industry, it began to invest more

in **wastewater** treatment technology.

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.

chemical

adj. relating to or connected with chemistry;

synonym : chemic, synthetic

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

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

coal

n. a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

synonym : ember

(1) a **coal-fired** ship, (2) construction of new **coal** plants

We combust **coal** and other fossil fuels to generate electricity.

purification

n. the process of removing impurities, contaminants, or pollutants from something, often through a chemical or physical process; the act of cleansing or purging morally or spiritually

synonym : cleansing, refinement, filtering

(1) **purification** technology, (2) air **purification**

The water **purification** system removed all contaminants and made the water safe to drink.

core

n. the most essential or fundamental part of something

synonym : center, basis, heart

(1) the **core** of an apple, (2) **core** business activity

These gas nebulas are merely newborn galactic **cores**.

downstream

adv. in the direction that a stream or river flows; (adjective) in the direction of a stream's current

synonym: lower, below, later

(1) go **downstream** in a boat, (2) **downstream** processing
The boat drifted **downstream** and was carried away by the current.

bay

n. a part of the coast that is partially enclosed by land; a compartment or section of a ship or building

synonym: inlet, cove, gulf

(1) **bay** area, (2) the mouth of a **bay**
She walked along the **bay** and collected shells.

unbelievable

adj. beyond belief or understanding and extremely surprising

synonym: unimaginable, incredible, fantastical

(1) **unbelievable** beauty, (2) cause **unbelievable** damage
He drinks an **unbelievable** amount of beer.

infrastructure

n. the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies

synonym: foundation, framework

(1) IT **infrastructure**, (2) **infrastructure** cost
Aging societies tend to require huge costs for **infrastructure** maintenance.

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.

displace

v. to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

synonym : evict, exile, remove

(1) **displace** workers, (2) **displace** the explosive power
The construction of the new dam will **displace** hundreds of families living downstream.

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.

survive

v. to live or exist despite a dangerous event or period

synonym : endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash

These birds can only **survive** in temperate climates.

stilted

adj. awkwardly formal or pompous; not natural or sincere

synonym : formal, stiff, artificial

(1) **stilted** dialogue, (2) avoid **stilted** phrases

The conversation was **stilted** and awkward as if they didn't know each other very well.

navigate

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

synonym : guide, helm, voyage

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

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

dugout

n. a partially enclosed area or shelter often dug into the ground or located at ground level behind the benches,

used for players or coaches in sports such as baseball, cricket, or field hockey

synonym : bench, shelter, dugout seat

(1) baseball **dugout**, (2) construction **dugout**

The baseball players retreated to the **dugout** after the inning was over.

canoe

n. a narrow, light boat with pointy ends and no keel that is propelled by a paddle

(1) **canoe** race, (2) make a **canoe** trip

After the accident, the police found an empty **canoe**.

royal

adj. relating to or belonging to the king or queen or a member of their family

synonym : imperial, noble, aristocratic

(1) a **royal** palace, (2) prince **royal**

She is willing to give up her position in the **royal** family to marry him.

mosque

n. a Muslim place of worship that usually has a minaret (= slender tower with balconies)

(1) domed **mosque**, (2) the sacred **mosque**

Jumeirah **Mosque** is one of the most beautiful buildings in the United Arab Emirates.

surround

v. to be all around something or somebody

synonym : encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace

On three sides, mountains **surround** the settlement.

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.

paddock

n. a small enclosed field or pasture, especially one used for grazing or exercising horses

synonym: enclosure, pen, corral

(1) **paddock** fencing, (2) grazing **paddock**

The horses were kept in the **paddock** while their stalls were being cleaned.

mangrove

n. a tropical coastal tree or shrub that grows in saline soil and has prop roots that help to stabilize it

(1) **mangrove** forest, (2) **mangrove** swamp

The **mangrove** trees are known for their ability to survive in saltwater and sandy soil.

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**.

lagoon

n. a shallow stretch of water separated from a larger body of water by sandbanks or coral reefs; a small saltwater lake near a sea or an ocean

synonym: pond, pool, bayou

(1) **lagoon** island, (2) **lagoon** paradise

The mangroves around the **lagoon** provide a habitat for a unique ecosystem

amaze

v. to fill with wonder, surprise, or admiration

synonym: astound, surprise, stagger

(1) **amaze** and entertain visitors, (2) **amaze** everyone

The magician's tricks **amazed** the audience.

insignificant

adj. of little importance, influence, or power

synonym: unimportant, trivial, irrelevant

(1) **insignificant** amount, (2) an **insignificant** mistake

He made me feel small and **insignificant**.

multiply

v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

synonym : boost, amplify, reproduce

(1) **multiply** 5 and 6, (2) **multiply** about hundredfold

Multiply a number by itself twice.

industrial

adj. of or relating to or resulting from industry

synonym : manufacturing, mechanical

(1) beginning of the **industrial** revolution, (2) **industrial** alcohol

Industrial design has become more focused on human nature aspect than ever before.

aquaculture

n. the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes

synonym : fish farming, mariculture, hydroponics

(1) **aquaculture** industry, (2) sustainable **aquaculture**

Fish farming is a form of **aquaculture** that has recently gained popularity.

threat

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

synonym : menace, danger, hazard

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

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

ecosystem

n. all the plants and living creatures in an area and the way they affect each other and the environment

(1) marine **ecosystem**, (2) change the **ecosystem**

Human conservation efforts often fail unexpectedly because they disturb the balance of the **ecosystem**.

biodiversity

n. the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

(1) **biodiversity** conservation, (2) loss of **biodiversity**

The country was instrumental in promoting the **biodiversity** treaty.

crazy

adj. stupid or not sensible; very angry

synonym: insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme

The rain and thunder are **crazy** today.

ash

n. the powdery residue left after the burning of a substance, typically containing minerals and other impurities; the solid remains of a dead person after cremation

synonym: cinder, soot, dust

(1) **ash** tree, (2) soda **ash**

The volcanic **ash** covered the island after the eruption.

bushfire

n. a large outdoor fire that burns out of control, typically in a wildland area, and is often caused by drought, heat, lightning, or human activities

synonym: wildfire, forest fire

(1) **bushfire** season, (2) **bushfire** emergency

The hot and dry weather conditions are making it difficult to fight the **bushfire**.

surrounding

adj. that is near or around, or closely encircling something

synonym: circumferent, encircling, neighboring

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

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

carbon

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

Trees absorb **carbon** dioxide and give off oxygen.

emission

n. the act of production or sending out gas, heat, light, etc.

synonym: emanation, radiation, discharge

(1) global **emissions** of greenhouse gases, (2) the **emission** of light

There are five distinct **emissions** at five unique wavelengths.

viral

adj. relating to or caused by a virus

(1) fight **viral** infections, (2) detect a **viral** code

This device can more accurately detect **viral** pathogens.

transmission

n. the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

synonym: transportation, communication, broadcast

(1) **transmission** speed, (2) the **transmission** gears of a car

Education is the **transmission** of civilization.

mask

v. to conceal something; (noun) a covering that you wear over your face to hide it

synonym: disguise, camouflage, conceal

(1) **mask** body odor, (2) an oxygen **mask**

The politician tried to **mask** the corruption.

choke

v. to prevent or obstruct the normal breathing or swallowing of someone or something

synonym: strangle, suffocate, clog

(1) **choke** with anger, (2) **choke** off the blood supply

The baby started to **choke** on a piece of apple.

plume

n. a large feather or group of feathers worn as an ornament or a symbol of achievement or distinction, especially on a hat

synonym: feather, honor, token

(1) **plume** of smoke, (2) **plume** of feathers
The bird had a beautiful **plume** on its head.

midst

n. the middle part of people or things

synonym: middle, core, bosom

(1) in the **midst** of the crowd, (2) in the **midst** of a scandal
He remained serene in the **midst** of turbulence.

wildfire

n. a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope

synonym: blaze, bonfire, flame

(1) **wildfire** spread, (2) arson-caused **wildfire**
The **wildfire** destroyed hundreds of homes and forced thousands of people to evacuate.

unexpected

adj. not anticipated or regarded as likely to happen

synonym: surprising, unanticipated, incredible

(1) an **unexpected** visitor, (2) some **unexpected** events
The **unexpected** rainstorm caused the collapse of the corral.

incredibly

adv. in a way that is very difficult to believe; exceedingly or extremely

synonym: enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

ancestral

adj. related to or connected with members of your family from the past

synonym: hereditary, inherited, patrimonial

(1) an **ancestral** graveyard, (2) **ancestral** roots
The **ancestral** home has been in the family for generations.

stick

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

synonym : pierce, adhere, stay

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

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

rage

n. a strong feeling of anger or violence

synonym : fury, anger, outrage

(1) uncontrollable **rage**, (2) fall into a **rage**

She was filled with a burning **rage** at the injustice she had witnessed.

aboriginal

adj. relating to the people, culture, or history of the original inhabitants of a particular region, especially before the arrival of colonizers or settlers; indigenous

synonym : native, indigenous, autochthonous

(1) **aboriginal** art, (2) **aboriginal** land

Many **aboriginal** cultures have deep spiritual connections to the land and its natural resources.

disaster

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

synonym : catastrophe, calamity, tragedy

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

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

consequence

n. the outcome of a particular action or event, especially relative to an individual

synonym : result, impact, outcome

(1) unintended **consequences**, (2) the **consequence** of an argument

These economic activities had disastrous environmental **consequences**.

climate

n. the weather in a particular location averaged over some long period

synonym : atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

Climate and weather have an impact on every part of our lifestyles.

fascinating

adj. extremely interesting

synonym : alluring, intriguing, captivating

(1) **fascinating** story, (2) completely **fascinating** to me

The museum houses a **fascinating** collection of Celtic artifacts.

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.

attune

v. to make receptive or aware; to bring into harmony or alignment

synonym : align, harmonize, acclimate

(1) **attune** to nature, (2) **attune** myself to the rhythm

It is important to **attune** yourself to your customers' needs to provide the best service possible.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym : robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population

She is a **resilient** person and has always bounced back from setbacks.

crisis

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

synonym : concern, problem, emergency

(1) financial **crisis**, (2) **crisis** management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

defend

v. to protect someone or something from attack, criticism, danger, etc.

synonym : protect, guard, support

(1) **defend** my country, (2) **defend** against a threat

International law allows each nation to **defend** itself when its rights and interests are illegally violated.

permanence

n. the quality of being permanent, lasting, or enduring; the state or condition of being permanent

synonym : durability, continuity, stability

(1) **permanence** factor, (2) long-term **permanence**

The **permanence** of a tattoo is something to consider before getting one.

concrete

adj. existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

synonym : actual, factual, hardened

(1) a **concrete** noun, (2) **concrete** examples

The president asked for a more **concrete** plan.

steel

n. a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

synonym : iron

(1) magnetic **steel**, (2) **steel** beam

This bridge is the third largest **steel** bridge in the world.

fortress

n. a large and strongly built structure, typically with high walls and a moat, used as a military defense or for protection against attackers

synonym : castle, citadel, stronghold

(1) **fortress** wall, (2) military **fortress**

The ancient **fortress** was built on a hill to give the defenders a strategic advantage.

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.

creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym: imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

expand

v. to increase or to make something greater in size, number, or importance

synonym: extend, grow, boost

(1) **expand** a lineup, (2) **expand** agricultural output

They hope to **expand** their business worldwide.

symbiotic

adj. involving two varieties of animal or plant, each of which supplies the conditions for the other to exist

(1) **symbiotic** economy, (2) **symbiotic** bacteria

We have a mutually **symbiotic** connection with them.

endanger

v. to put someone or something in a risky situation

synonym: threaten, imperil, jeopardize

(1) **endanger** my health, (2) **endanger** a close relationship

Their actions **endangered** the lives of innocent people.

planet

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

synonym : earth, world, globe

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

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

Session 2: Spelling

- | | |
|----------------------------------|--|
| 1. travel bu___e | <i>n.</i> a group of things that are tied or wrapped together; a large amount or quantity of something; a package or parcel of things |
| 2. pl__e of smoke | <i>n.</i> a large feather or group of feathers worn as an ornament or a symbol of achievement or distinction, especially on a hat |
| 3. st_____le to get the job | <i>v.</i> 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 |
| 4. ex_____e weather events | <i>adj.</i> very great in amount or degree |
| 5. in_____e him to write a novel | <i>v.</i> to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative |
| 6. industrial sy_____is | <i>n.</i> a close, prolonged association between two or more different species of organisms, typically to the advantage of all |
| 7. am_____g advances | <i>adj.</i> extremely surprising, especially in a way that you like or admire |
| 8. pink ri___n campaign | <i>n.</i> a long, narrow strip or band of fabric, often used for decoration or tying things together; a symbol or badge representing a particular honor or award |

ANSWERS: 1. bundle, 2. plume, 3. struggle, 4. extreme, 5. inspire, 6. symbiosis, 7. amazing, 8. ribbon

9. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
10. 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
11. pa_____k fencing *n.* a small enclosed field or pasture, especially one used for grazing or exercising horses
12. ca_____n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
13. sy_____ic bacteria *adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
14. completely fas_____ng to me *adj.* extremely interesting
15. dr_____t conditions *n.* a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation
16. pre-Christian an_____t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
17. su_____e a plane crash *v.* to live or exist despite a dangerous event or period
18. beautiful arc_____ral landmarks *adj.* of or relating to the design and construction of buildings and other structures and the features and style of such structures

ANSWERS: 9. environment, 10. structure, 11. paddock, 12. carbon, 13. symbiotic, 14. fascinating, 15. drought, 16. ancient, 17. survive, 18. architectural

19. global pa____ic *n.* an outbreak of a disease that affects many people over a very wide area
20. we____d ecosystem *adj.* land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs
21. an interstate hi____y *n.* a main road, especially one connecting major towns or cities
22. coral r__fs *n.* a long chain or range of rocks or sand near the ocean's surface
23. loss of bio____ity *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
24. st__k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
25. landscape ar____ct *n.* a person whose job is to design plans to be used in making something, such as buildings
26. ov____ok a street *v.* to fail to notice something; to watch over someone; to provide a view from above
27. under a ca____y of smoke *n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
28. ind____us crop *adj.* someone or something that is native to or occurring naturally in a particular place

ANSWERS: 19. pandemic, 20. wetland, 21. highway, 22. reef, 23. biodiversity, 24. stick, 25. architect, 26. overlook, 27. canopy, 28. indigenous

29. bu____re season *n.* a large outdoor fire that burns out of control, typically in a wildland area, and is often caused by drought, heat, lightning, or human activities
30. st__l beam *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
31. tec_____cal advancement *adj.* based on scientific and industrial progress
32. sur_____ng areas *adj.* that is near or around, or closely encircling something
33. co_____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
34. 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
35. cr__y about cars and racing *adj.* stupid or not sensible; very angry
36. fight vi__l infections *adj.* relating to or caused by a virus
37. inf_____ure cost *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
38. narrow esc_____nt *n.* a long, steep slope or cliff, typically separating two relatively level or more gently sloping areas, often formed by erosion or faulting

ANSWERS: 29. bushfire, 30. steel, 31. technological, 32. surrounding, 33. construct, 34. planet, 35. crazy, 36. viral, 37. infrastructure, 38. escarpment

39. is_____e a patient *v.* to physically or socially separate someone or something from other people or things
40. de____d my country *v.* to protect someone or something from attack, criticism, danger, etc.
41. nontechnical as____ts of the job *n.* one part or feature of a situation, problem, subject, etc.
42. the em_____on of light *n.* the act of production or sending out gas, heat, light, etc.
43. b__d the man's hands *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
44. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
45. global di_____er *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
46. pl__e of feathers *n.* a large feather or group of feathers worn as an ornament or a symbol of achievement or distinction, especially on a hat
47. la_____pe painting *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
48. blue al__e *n.* A simple plant that grows in or near water and lacks typical leaves and roots
49. the sacred mo_____e *n.* a Muslim place of worship that usually has a minaret (= slender tower with balconies)

ANSWERS: 39. isolate, 40. defend, 41. aspect, 42. emission, 43. bind, 44. climate, 45. disaster, 46. plume, 47. landscape, 48. algae, 49. mosque

50. at___e myself to the rhythm *v.* to make receptive or aware; to bring into harmony or alignment
51. re_____nt population *adj.* able to withstand or recover quickly from difficult conditions
52. s_w a button *v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle
53. a_h tree *n.* the powdery residue left after the burning of a substance, typically containing minerals and other impurities; the solid remains of a dead person after cremation
54. cr_____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
55. a cold cl_____e *n.* the weather in a particular location averaged over some long period
56. an an_____al graveyard *adj.* related to or connected with members of your family from the past
57. silk ri___n *n.* a long, narrow strip or band of fabric, often used for decoration or tying things together; a symbol or badge representing a particular honor or award
58. IT inf_____ure *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
59. a peaceful la_____pe *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

ANSWERS: 50. attune, 51. resilient, 52. sew, 53. ash, 54. creative, 55. climate, 56. ancestral, 57. ribbon, 58. infrastructure, 59. landscape

60. prince ro__l *adj.* relating to or belonging to the king or queen or a member of their family
61. make a ca__e trip *n.* a narrow, light boat with pointy ends and no keel that is propelled by a paddle
62. mu____ly about hundredfold *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
63. hum_____de climate change *adj.* created or produced by humans; artificial
64. cutting-edge inn_____on *n.* the creation of a new device or process resulting from study and experimentation
65. tr__h bin *n.* discarded material, refuse, or waste
66. mo_____n current *n.* a seasonal wind system that brings heavy rainfall to a region, typically occurring in tropical areas
67. ins_____ant amount *adj.* of little importance, influence, or power
68. the con_____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
69. river-delta ma__h *n.* a type of land that is always wet and has soft soil; swamp or bog
70. barren of cr_____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
71. su_____nd a town *v.* to be all around something or somebody

ANSWERS: 60. royal, 61. canoe, 62. multiply, 63. human-made, 64. innovation, 65. trash, 66. monsoon, 67. insignificant, 68. consequence, 69. marsh, 70. creative, 71. surround

72. global em_____ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
73. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
74. ca__e race *n.* a narrow, light boat with pointy ends and no keel that is propelled by a paddle
75. m__k body odor *v.* to conceal something; (noun) a covering that you wear over your face to hide it
76. sc_____ld construction *n.* a temporary platform or structure used to support workers and materials during construction or maintenance work
77. la____n island *n.* a shallow stretch of water separated from a larger body of water by sandbanks or coral reefs; a small saltwater lake near a sea or an ocean
78. a garden p__d *n.* a small, shallow lake
79. sy_____is establishment *n.* a close, prolonged association between two or more different species of organisms, typically to the advantage of all
80. harmless ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
81. the stock market co_____sed *v.* to fall down or give way suddenly, often after breaking apart

ANSWERS: 72. emission, 73. incredibly, 74. canoe, 75. mask, 76. scaffold, 77. lagoon, 78. pond, 79. symbiosis, 80. bacteria, 81. collapse

82. bu____o steak *n.* a large wild ox with shaggy hair found in Asia and North America
83. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
84. oasis in the de____t *n.* arid land with little or no vegetation often covered with sand or rocks
85. chaotic env____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
86. am__e everyone *v.* to fill with wonder, surprise, or admiration
87. avoid st____d phrases *adj.* awkwardly formal or pompous; not natural or sincere
88. af__t in debt *adj.* floating or staying on the surface of a liquid or body of water; having enough money or resources to stay out of debt or financial trouble
89. cargo af__t *adj.* floating or staying on the surface of a liquid or body of water; having enough money or resources to stay out of debt or financial trouble
90. tra____ion speed *n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
91. bioplastic designed to bio____de *v.* to decay naturally by microorganisms, such as bacteria and fungi
92. the worst hum____de disaster *adj.* created or produced by humans; artificial

ANSWERS: 82. buffalo, 83. feat, 84. desert, 85. environment, 86. amaze, 87. stilted, 88. afloat, 89. afloat, 90. transmission, 91. biodegrade, 92. human-made

101. inc_____le amount *adj.* unbelievable; enormous
102. financial cr____s *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
103. abo_____al land *adj.* relating to the people, culture, or history of the original inhabitants of a particular region, especially before the arrival of colonizers or settlers; indigenous
104. sy_____ic economy *adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
105. cause unb_____ble damage *adj.* beyond belief or understanding and extremely surprising
106. 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
107. am__e and entertain visitors *v.* to fill with wonder, surprise, or admiration
108. ex_____e sports *adj.* very great in amount or degree
109. study arc_____ral engineering *adj.* of or relating to the design and construction of buildings and other structures and the features and style of such structures

ANSWERS: 101. incredible, 102. crisis, 103. aboriginal, 104. symbiotic, 105. unbelievable, 106. process, 107. amaze, 108. extreme, 109. architectural

110. wi_____re spread *n.* a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope
111. was_____er disposal equipment *n.* water that contains waste substances from homes, farms, factories, etc.
112. a private ind_____al *n.* a single person or thing, as distinct from a group
113. aq_____ct system *n.* a structure constructed to carry water over a long distance, typically consisting of a series of arches or elevated channels supported by pillars or towers
114. 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
115. bu_____o horn *n.* a large wild ox with shaggy hair found in Asia and North America
116. fire st__k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
117. s__k a lot of capital *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
118. a tr_____on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

ANSWERS: 110. wildfire, 111. wastewater, 112. individual, 113. aqueduct, 114. structure, 115. buffalo, 116. stick, 117. sink, 118. tradition

119. morning su____ne
n. the direct light and heat that comes from the sun
120. military fo____ss
n. a large and strongly built structure, typically with high walls and a moat, used as a military defense or for protection against attackers
121. arson-caused wi____re
n. a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope
122. a ro__l palace
adj. relating to or belonging to the king or queen or a member of their family
123. uncontrollable r__e
n. a strong feeling of anger or violence
124. change the ec____em
n. all the plants and living creatures in an area and the way they affect each other and the environment
125. a ch____al compound
adj. relating to or connected with chemistry;
126. in____al function
adj. necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph
127. air pur____ion
n. the process of removing impurities, contaminants, or pollutants from something, often through a chemical or physical process; the act of cleansing or purging morally or spiritually
128. magnetic st__l
n. a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

ANSWERS: 119. sunshine, 120. fortress, 121. wildfire, 122. royal, 123. rage, 124. ecosystem, 125. chemical, 126. integral, 127. purification, 128. steel

129. ind_____al freedom *n.* a single person or thing, as distinct from a group
130. ma_____ve forest *n.* a tropical coastal tree or shrub that grows in saline soil and has prop roots that help to stabilize it
131. long-term per_____ce *n.* the quality of being permanent, lasting, or enduring; the state or condition of being permanent
132. an_____al roots *adj.* related to or connected with members of your family from the past
133. attack the left fl__k *n.* the side of an animal, especially the side between the last rib and the hip; the side of military or naval formation; (verb) to be located on either side of something
134. tr_____rm an education system *v.* to change in outward structure or looks;
135. the mouth of a b_y *n.* a part of the coast that is partially enclosed by land; a compartment or section of a ship or building
136. go dow_____am in a boat *adv.* in the direction that a stream or river flows; (adjective) in the direction of a stream's current
137. hi_____y system *n.* a main road, especially one connecting major towns or cities
138. mu_____ly 5 and 6 *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
139. an une_____ed visitor *adj.* not anticipated or regarded as likely to happen

ANSWERS: 129. individual, 130. mangrove, 131. permanence, 132. ancestral, 133. flank, 134. transform, 135. bay, 136. downstream, 137. highway, 138. multiply, 139. unexpected

140. periods of dr____t
n. a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation
141. inc_____ly cheerful character
adv. in a way that is very difficult to believe; exceedingly or extremely
142. su_____e a blizzard
v. to live or exist despite a dangerous event or period
143. rusty n__l
n. a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes
144. unb_____ble beauty
adj. beyond belief or understanding and extremely surprising
145. in_____e a feeling of curiosity
v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
146. tr__h disposal site
n. discarded material, refuse, or waste
147. ind_____al alcohol
adj. of or relating to or resulting from industry
148. fr_____nt absence
adj. happening constantly
149. s_w with thread
v. to join, fasten, or repair two pieces of something by putting the thread through them with a needle
150. domed mo____e
n. a Muslim place of worship that usually has a minaret (= slender tower with balconies)

ANSWERS: 140. drought, 141. incredibly, 142. survive, 143. nail, 144. unbelievable, 145. inspire, 146. trash, 147. industrial, 148. frequent, 149. sew, 150. mosque

151. as___ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
152. a c___l-fired ship *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
153. some une_____ed events *adj.* not anticipated or regarded as likely to happen
154. grazing pa_____k *n.* a small enclosed field or pasture, especially one used for grazing or exercising horses
155. abo_____al art *adj.* relating to the people, culture, or history of the original inhabitants of a particular region, especially before the arrival of colonizers or settlers; indigenous
156. cr___s management *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
157. di_____ce the explosive power *v.* to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
158. against tr_____on *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
159. ex___d a lineup *v.* to increase or to make something greater in size, number, or importance
160. di_____ce workers *v.* to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

ANSWERS: 151. aspect, 152. coal, 153. unexpected, 154. paddock, 155. aboriginal, 156. crisis, 157. displace, 158. tradition, 159. expand, 160. displace

161. fl__d advisory *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
162. b_y area *n.* a part of the coast that is partially enclosed by land; a compartment or section of a ship or building
163. a fence sur_____ng a castle *adj.* that is near or around, or closely encircling something
164. unintended con_____ces *n.* the outcome of a particular action or event, especially relative to an individual
165. de___t basin *n.* arid land with little or no vegetation often covered with sand or rocks
166. tr_____rm heat into power *v.* to change in outward structure or looks;
167. ind_____us peoples *adj.* someone or something that is native to or occurring naturally in a particular place
168. com_____on number *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
169. toxic ch_____als *adj.* relating to or connected with chemistry;
170. environmental th___t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
171. n__l clipper *n.* a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes

ANSWERS: 161. flood, 162. bay, 163. surrounding, 164. consequence, 165. desert, 166. transform, 167. indigenous, 168. combination, 169. chemical, 170. threat, 171. nail

172. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
173. bu_____t force *adj.* lighthearted and cheerful; tending to float; having a positive attitude or outlook
174. ex____d agricultural output *v.* to increase or to make something greater in size, number, or importance
175. around the gl__e *n.* the earth or world, mainly used to emphasize its vastness
176. construction du____t *n.* a partially enclosed area or shelter often dug into the ground or located at ground level behind the benches, used for players or coaches in sports such as baseball, cricket, or field hockey
177. at____e to nature *v.* to make receptive or aware; to bring into harmony or alignment
178. tec_____cal policy *adj.* based on scientific and industrial progress
179. fl__k pain *n.* the side of an animal, especially the side between the last rib and the hip; the side of military or naval formation; (verb) to be located on either side of something
180. ca_____al school *n.* the main Christian church of a bishop's diocese, which is often the largest and most important church in the area
181. the mean annual ra_____ll *n.* the amount of rain that falls in a specific location at a particular moment
182. go to the sc_____ld *n.* a temporary platform or structure used to support workers and materials during construction or maintenance work

ANSWERS: 172. amazing, 173. buoyant, 174. expand, 175. globe, 176. dugout, 177. attune, 178. technological, 179. flank, 180. cathedral, 181. rainfall, 182. scaffold

183. w__p a fish in foil *v.* to cover or enclose something entirely with paper, cloth, or other material
184. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
185. a cr__y scheme *adj.* stupid or not sensible; very angry
186. aqu_____re industry *n.* the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes
187. the spinal co___n *n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
188. b__d old letters into a bundle *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
189. in_____al component *adj.* necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph
190. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand

ANSWERS: 183. wrap, 184. evolve, 185. crazy, 186. aquaculture, 187. column, 188. bind, 189. integral, 190. complexity

191. fo____ss wall *n.* a large and strongly built structure, typically with high walls and a moat, used as a military defense or for protection against attackers
192. sustainable aqu____re *n.* the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes
193. we____d conservation *adj.* land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs
194. biological was____er *n.* water that contains waste substances from homes, farms, factories, etc.
195. mountain aq____ct *n.* a structure constructed to carry water over a long distance, typically consisting of a series of arches or elevated channels supported by pillars or towers
196. say def____ly *adv.* without any question and beyond doubt; clearly
197. ch__e off the blood supply *v.* to prevent or obstruct the normal breathing or swallowing of someone or something
198. bu____re emergency *n.* a large outdoor fire that burns out of control, typically in a wildland area, and is often caused by drought, heat, lightning, or human activities
199. tw__t around to the left *v.* to bend or turn something into a certain shape

ANSWERS: 191. fortress, 192. aquaculture, 193. wetland, 194. wastewater, 195. aqueduct, 196. definitely, 197. choke, 198. bushfire, 199. twist

200. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
201. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
202. na_____te through a document *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
203. ca____y layer *n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
204. a fl__d of questions *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
205. terrestrial gl__e *n.* the earth or world, mainly used to emphasize its vastness
206. beginning of the ind_____al revolution *adj.* of or relating to or resulting from industry
207. arterial con_____ce *n.* the point at which two or more streams or rivers come together; a gathering of people or things at a particular location or moment
208. pur_____ion technology *n.* the process of removing impurities, contaminants, or pollutants from something, often through a chemical or physical process; the act of cleansing or purging morally or spiritually

ANSWERS: 200. feat, 201. ecosystem, 202. navigate, 203. canopy, 204. flood, 205. globe, 206. industrial, 207. confluence, 208. purification

209. barrier r__f	<i>n.</i> a long chain or range of rocks or sand near the ocean's surface
210. con_____ce of ideas	<i>n.</i> the point at which two or more streams or rivers come together; a gathering of people or things at a particular location or moment
211. at inc_____le speed	<i>adj.</i> unbelievable; enormous
212. an oxygen m__k	<i>v.</i> to conceal something; (noun) a covering that you wear over your face to hide it
213. a stone wall su_____nds the palace	<i>v.</i> to be all around something or somebody
214. pathogenic ba_____ia	<i>n.</i> single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
215. construction of new c__l plants	<i>n.</i> a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
216. def_____ly become a problem	<i>adv.</i> without any question and beyond doubt; clearly
217. a hard and re_____nt steel	<i>adj.</i> able to withstand or recover quickly from difficult conditions
218. decision-making pr_____s	<i>n.</i> 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

ANSWERS: 209. reef, 210. confluence, 211. incredible, 212. mask, 213. surround, 214. bacteria, 215. coal, 216. definitely, 217. resilient, 218. process

219. detect a vi__l code *adj.* relating to or caused by a virus
220. dow_____am processing *adv.* in the direction that a stream or river flows; (adjective) in the direction of a stream's current
221. soda a_h *n.* the powdery residue left after the burning of a substance, typically containing minerals and other impurities; the solid remains of a dead person after cremation
222. baseball du___t *n.* a partially enclosed area or shelter often dug into the ground or located at ground level behind the benches, used for players or coaches in sports such as baseball, cricket, or field hockey
223. delta pl__n *adj.* without being decorated in any way; (Noun) a vast expanse of flat land with few trees
224. st_____d dialogue *adj.* awkwardly formal or pompous; not natural or sincere
225. 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
226. ma_____ve swamp *n.* a tropical coastal tree or shrub that grows in saline soil and has prop roots that help to stabilize it
227. co_____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole

ANSWERS: 219. viral, 220. downstream, 221. ash, 222. dugout, 223. plain, 224. stilted, 225. planet, 226. mangrove, 227. construct

228. w__p up a meeting *v.* to cover or enclose something entirely with paper, cloth, or other material
229. flu pa____ic *n.* an outbreak of a disease that affects many people over a very wide area
230. ca____al choir *n.* the main Christian church of a bishop's diocese, which is often the largest and most important church in the area
231. c__e business activity *n.* the most essential or fundamental part of something
232. pl__n answer *adj.* without being decorated in any way; (Noun) a vast expanse of flat land with few trees
233. en____er my health *v.* to put someone or something in a risky situation
234. ready to co____se *v.* to fall down or give way suddenly, often after breaking apart
235. al__e biofuel *n.* A simple plant that grows in or near water and lacks typical leaves and roots
236. bio____ity conservation *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
237. bu____e of papers *n.* a group of things that are tied or wrapped together; a large amount or quantity of something; a package or parcel of things
238. heavy ra____ll *n.* the amount of rain that falls in a specific location at a particular moment
239. ch__e with anger *v.* to prevent or obstruct the normal breathing or swallowing of someone or something

ANSWERS: 228. wrap, 229. pandemic, 230. cathedral, 231. core, 232. plain, 233. endanger, 234. collapse, 235. algae, 236. biodiversity, 237. bundle, 238. rainfall, 239. choke

240. we__e on a loom
v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
241. con_____te his ego
v. to make something impure, unclean, or poisonous by contact or mixture
242. an ins_____ant mistake
adj. of little importance, influence, or power
243. the tra_____ion gears of a car
n. the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
244. fall into a r__e
n. a strong feeling of anger or violence
245. ev___e
v. to develop gradually, or to cause the development of something or someone gradually
246. the c__e of an apple
n. the most essential or fundamental part of something
247. ov_____ok that fact
v. to fail to notice something; to watch over someone; to provide a view from above
248. bu_____t market
adj. lighthearted and cheerful; tending to float; having a positive attitude or outlook
249. con_____te with a disease
v. to make something impure, unclean, or poisonous by contact or mixture
250. co_____te examples
adj. existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

ANSWERS: 240. weave, 241. contaminate, 242. insignificant, 243. transmission, 244. rage, 245. evolve, 246. core, 247. overlook, 248. buoyant, 249. contaminate, 250. concrete

251. esc_____nt trail *n.* a long, steep slope or cliff, typically separating two relatively level or more gently sloping areas, often formed by erosion or faulting
252. en_____er a close relationship *v.* to put someone or something in a risky situation
253. mo_____n season *n.* a seasonal wind system that brings heavy rainfall to a region, typically occurring in tropical areas
254. a co_____te noun *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
255. la____n paradise *n.* a shallow stretch of water separated from a larger body of water by sandbanks or coral reefs; a small saltwater lake near a sea or an ocean
256. de____d against a threat *v.* to protect someone or something from attack, criticism, danger, etc.
257. economic th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
258. fas_____ng story *adj.* extremely interesting
259. mo_____nt honoring *n.* a statue, building, or other structure erected to commemorate a person or event

ANSWERS: 251. escarpment, 252. endanger, 253. monsoon, 254. concrete, 255. lagoon, 256. defend, 257. threat, 258. fascinating, 259. monument

260. an____t stories	<i>adj.</i> relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
261. warm su____ne	<i>n.</i> the direct light and heat that comes from the sun
262. bio____de by the microorganism	<i>v.</i> to decay naturally by microorganisms, such as bacteria and fungi
263. genic com____ons	<i>n.</i> a collection of things that have been combined; an assemblage of separate parts or qualities
264. aboriginal tr__e	<i>n.</i> a social group made up of members who live together, sharing the same language, culture, religion, etc., especially those who do not live in towns or cities
265. na____te the Pacific	<i>v.</i> to plan and direct the way that a ship, plane, etc. will travel, often by using a map
266. inn____on leader	<i>n.</i> the creation of a new device or process resulting from study and experimentation
267. in the mi__t of the crowd	<i>n.</i> the middle part of people or things
268. humanity's mo____nt	<i>n.</i> a statue, building, or other structure erected to commemorate a person or event
269. st____le against discrimination	<i>v.</i> 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

ANSWERS: 260. ancient, 261. sunshine, 262. biodegrade, 263. combination, 264. tribe, 265. navigate, 266. innovation, 267. midst, 268. monument, 269. struggle

270. ar_____ct of the peace accord *n.* a person whose job is to design plans to be used in making something, such as buildings
271. in the mi__t of a scandal *n.* the middle part of people or things
272. di_____er recovery *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
273. is_____e a compound *v.* to physically or socially separate someone or something from other people or things
274. a co___n of water *n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
275. tw__t a wet towel *v.* to bend or turn something into a certain shape
276. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
277. p__d water *n.* a small, shallow lake
278. 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: 270. architect, 271. midst, 272. disaster, 273. isolate, 274. column, 275. twist, 276. complexity, 277. pond, 278. develop

Session 3: Fill in the Blanks

- 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
- _____ and weather have an impact on every part of our lifestyles.
n. the weather in a particular location averaged over some long period
- Fish farming is a form of _____ that has recently gained popularity.
n. the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes
- The bridge is a _____ structure and was built to span the river.
adj. created or produced by humans; artificial
- The _____ rainstorm caused the collapse of the corral.
adj. not anticipated or regarded as likely to happen
- The baby started to _____ on a piece of apple.
v. to prevent or obstruct the normal breathing or swallowing of someone or something
- The ancient _____ was built on a hill to give the defenders a strategic advantage.
n. a large and strongly built structure, typically with high walls and a moat, used as a military defense or for protection against attackers

ANSWERS: 1. planet, 2. Climate, 3. aquaculture, 4. human-made, 5. unexpected, 6. choke, 7. fortress

8. The city is taking measures to reduce the amount of _____ in the streets.
n. discarded material, refuse, or waste
9. The magician's tricks _____ the audience.
v. to fill with wonder, surprise, or admiration
10. Several cities are experiencing _____ high unemployment rates.
adv. in a way that is very difficult to believe; exceedingly or extremely
11. Effective communication is an _____ part of any successful team.
adj. necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph
12. Education is the _____ of civilization.
n. the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
13. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;
14. 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
15. My mother taught me how to _____.
v. to join, fasten, or repair two pieces of something by putting the thread through them with a needle

ANSWERS: 8. trash, 9. amazed, 10. incredibly, 11. integral, 12. transmission, 13. chemical, 14. complexity, 15. sew

16. She is a _____ person and has always bounced back from setbacks.

adj. able to withstand or recover quickly from difficult conditions

17. The construction workers set up the _____ to reach the top of the building.

n. a temporary platform or structure used to support workers and materials during construction or maintenance work

18. He made me feel small and _____.

adj. of little importance, influence, or power

19. These plants thrive in hot climates with abundant _____.

n. the amount of rain that falls in a specific location at a particular moment

20. A _____ of two smaller streams formed the river.

n. the point at which two or more streams or rivers come together; a gathering of people or things at a particular location or moment

21. The abandoned ship slowly began to _____ into the murky waters of the harbor.

v. to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

22. Our knowledge helps _____ our clients successfully.

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

23. The golfer recorded an _____ distance.

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

ANSWERS: 16. resilient, 17. scaffold, 18. insignificant, 19. rainfall, 20. confluence, 21. sink, 22. navigate, 23. amazing

24. The roof finally _____ after three days and three nights of heavy snowfall.
v. to fall down or give way suddenly, often after breaking apart
25. The president asked for a more _____ plan.
adj. existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
26. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.
n. a notable or impressive achievement, especially one that requires great skill or bravery
27. _____ design has become more focused on human nature aspect than ever before.
adj. of or relating to or resulting from industry
28. 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
29. On three sides, mountains _____ the settlement.
v. to be all around something or somebody
30. Jumeirah _____ is one of the most beautiful buildings in the United Arab Emirates.
n. a Muslim place of worship that usually has a minaret (= slender tower with balconies)
31. They have been living near water since _____ times.
adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

ANSWERS: 24. collapsed, 25. concrete, 26. feat, 27. Industrial, 28. inspired, 29. surround, 30. Mosque, 31. ancient

32. His professional experience includes all _____ of media production.
n. one part or feature of a situation, problem, subject, etc.
33. Solar gravity creates _____ pressures and temperatures.
adj. very great in amount or degree
34. We have a mutually _____ connection with them.
adj. involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
35. Human conservation efforts often fail unexpectedly because they disturb the balance of the _____.
n. all the plants and living creatures in an area and the way they affect each other and the environment
36. The politician tried to _____ the corruption.
v. to conceal something; (noun) a covering that you wear over your face to hide it
37. The _____ style of the building was a mix of modern and traditional.
adj. of or relating to the design and construction of buildings and other structures and the features and style of such structures
38. This region is predominantly _____.
n. arid land with little or no vegetation often covered with sand or rocks
39. You _____ a bill in the change machine, and the coins pop out.
v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

ANSWERS: 32. aspects, 33. extreme, 34. symbiotic, 35. ecosystem, 36. mask, 37. architectural, 38. desert, 39. stick

40. The _____ was so bright that I had to wear sunglasses to protect my eyes.
n. the direct light and heat that comes from the sun
41. His final goal is to sail around the _____.
n. the earth or world, mainly used to emphasize its vastness
42. The water _____ system removed all contaminants and made the water safe to drink.
n. the process of removing impurities, contaminants, or pollutants from something, often through a chemical or physical process; the act of cleansing or purging morally or spiritually
43. The vessel ran aground on a _____.
n. a long chain or range of rocks or sand near the ocean's surface
44. The boat drifted _____ and was carried away by the current.
adv. in the direction that a stream or river flows; (adjective) in the direction of a stream's current
45. The hot and dry weather conditions are making it difficult to fight the _____.
n. a large outdoor fire that burns out of control, typically in a wildland area, and is often caused by drought, heat, lightning, or human activities
46. She walked along the ____ and collected shells.
n. a part of the coast that is partially enclosed by land; a compartment or section of a ship or building
47. My father's death _____ my life completely.
v. to change in outward structure or looks;

ANSWERS: 40. sunshine, 41. globe, 42. purification, 43. reef, 44. downstream, 45. bushfire, 46. bay, 47. transformed

48. Many _____ cultures have deep spiritual connections to the land and its natural resources.

adj. relating to the people, culture, or history of the original inhabitants of a particular region, especially before the arrival of colonizers or settlers;
indigenous

49. These economic activities had disastrous environmental _____.

n. the outcome of a particular action or event, especially relative to an individual

50. The _____ mountains make the city difficult to be invaded.

adj. that is near or around, or closely encircling something

51. The company's plastic products are easily _____ thanks to a unique manufacturing process.

v. to decay naturally by microorganisms, such as bacteria and fungi

52. Every human is responsible for taking care of the Earth's _____.

n. the natural world such as air, water, and land in which humans, animals, and plants live

53. He remained serene in the _____ of turbulence.

n. the middle part of people or things

54. The forest's _____ provides shade and protection for the plants and animals below.

n. a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it

55. His heartaches are less _____ now.

adj. happening constantly

ANSWERS: 48. aboriginal, 49. consequences, 50. surrounding, 51. biodegraded, 52. environment, 53. midst, 54. canopy, 55. frequent

56. The stone _____ was built to commemorate the war heroes.
- n.* a statue, building, or other structure erected to commemorate a person or event
57. The Chinese word for _____ comprises two characters, one for danger and the other for opportunity.
- n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
58. _____ a number by itself twice.
- v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
59. This bridge is the third largest _____ bridge in the world.
- n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
60. These heavy rains caused flash _____ on several islands.
- n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
61. 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
62. The vegetarian burger was an _____ that quickly spread to the United Kingdom.
- n.* the creation of a new device or process resulting from study and experimentation
63. The hikers trekked up the steep _____ and reached the summit.
- n.* a long, steep slope or cliff, typically separating two relatively level or more gently sloping areas, often formed by erosion or faulting

ANSWERS: 56. monument, 57. crisis, 58. Multiply, 59. steel, 60. floods, 61. constructs, 62. innovation, 63. escarpment

64. You should not _____ them from the community.
- v. to physically or socially separate someone or something from other people or things
65. The building _____ tried to build the house above the tree.
- n. a person whose job is to design plans to be used in making something, such as buildings
66. The construction of the new dam will _____ hundreds of families living downstream.
- v. to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
67. He drinks an _____ amount of beer.
- adj. beyond belief or understanding and extremely surprising
68. Eyeless fish _____ in dark caves.
- v. to develop gradually, or to cause the development of something or someone gradually
69. The _____ of the mountain was difficult to climb.
- n. the side of an animal, especially the side between the last rib and the hip; the side of military or naval formation; (verb) to be located on either side of something
70. These birds can only _____ in temperate climates.
- v. to live or exist despite a dangerous event or period
71. The _____ response team worked around the clock to aid those affected by the earthquake.
- n. an unexpected event or series of events that cause widespread damage, destruction, or loss of life

ANSWERS: 64. isolate, 65. architect, 66. displace, 67. unbelievable, 68. evolved, 69. flank, 70. survive, 71. disaster

72. The conversation was _____ and awkward as if they didn't know each other very well.

adj. awkwardly formal or pompous; not natural or sincere

73. His _____ personality helped lift the spirits of everyone in the room.

adj. lighthearted and cheerful; tending to float; having a positive attitude or outlook

74. Recent electoral shocks have shaken the political _____ in Europe.

n. an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

75. They hope to _____ their business worldwide.

v. to increase or to make something greater in size, number, or importance

76. Aging societies tend to require huge costs for _____ maintenance.

n. the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies

77. 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

78. The _____ stained glass windows depicted scenes from the Bible.

n. the main Christian church of a bishop's diocese, which is often the largest and most important church in the area

79. The lowest lowland region is mostly flat _____.

adj. without being decorated in any way; (Noun) a vast expanse of flat land with few trees

ANSWERS: 72. stilted, 73. buoyant, 74. landscape, 75. expand, 76. infrastructure, 77. individual, 78. cathedral's, 79. plain

80. The _____ between the coral and the algae is an important example of mutualism.
- n.* a close, prolonged association between two or more different species of organisms, typically to the advantage of all
81. The _____ trees are known for their ability to survive in saltwater and sandy soil.
- n.* a tropical coastal tree or shrub that grows in saline soil and has prop roots that help to stabilize it
82. There are five distinct _____ at five unique wavelengths.
- n.* the act of production or sending out gas, heat, light, etc.
83. 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
84. Trees absorb _____ dioxide and give off oxygen.
- n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
85. The region has been experiencing a severe _____ leading to water shortages and crop failures.
- n.* a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation
86. The bird had a beautiful _____ on its head.
- n.* a large feather or group of feathers worn as an ornament or a symbol of achievement or distinction, especially on a hat

ANSWERS: 80. symbiosis, 81. mangrove, 82. emissions, 83. develop, 84. carbon, 85. drought, 86. plume

87. I'm going to take the _____ to get to my destination faster.
n. a main road, especially one connecting major towns or cities
88. He used a hammer and round _____ to fix the loose board on the fence.
n. a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes
89. The _____ rains often bring relief to areas suffering from drought.
n. a seasonal wind system that brings heavy rainfall to a region, typically occurring in tropical areas
90. They fear a _____ of a new type of virus.
n. an outbreak of a disease that affects many people over a very wide area
91. The rain and thunder are _____ today.
adj. stupid or not sensible; very angry
92. _____ prevalent in hospitals are often resistant to antibiotics.
n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
93. International law allows each nation to _____ itself when its rights and interests are illegally violated.
v. to protect someone or something from attack, criticism, danger, etc.
94. She is willing to give up her position in the _____ family to marry him.
adj. relating to or belonging to the king or queen or a member of their family

ANSWERS: 87. highway, 88. nail, 89. monsoon, 90. pandemic, 91. crazy, 92. Bacteria, 93. defend, 94. royal

95. _____ advances have disrupted many industries.
adj. based on scientific and industrial progress
96. She was filled with a burning _____ at the injustice she had witnessed.
n. a strong feeling of anger or violence
97. The country was instrumental in promoting the _____ treaty.
n. the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
98. Their actions _____ the lives of innocent people.
v. to put someone or something in a risky situation
99. This device can more accurately detect _____ pathogens.
adj. relating to or caused by a virus
100. All the supervisor has to do is assign tasks that make his subordinates more _____.
adj. relating to or involving the use of skill and original and unusual ideas to create something
101. Environmentalists are concerned about the harm to the _____.
n. a type of land that is always wet and has soft soil; swamp or bog
102. The _____ roam freely in the plains of North America.
n. a large wild ox with shaggy hair found in Asia and North America
103. The _____ of severe weather prompted the city to issue an evacuation warning.
n. a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

ANSWERS: 95. Technological, 96. rage, 97. biodiversity, 98. endangered, 99. viral, 100. creative, 101. marsh, 102. buffalo, 103. threat

104. She tied the _____ around the gift box to make it look pretty.

- n.* a long, narrow strip or band of fabric, often used for decoration or tying things together; a symbol or badge representing a particular honor or award

105. We combust _____ and other fossil fuels to generate electricity.

- n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

106. The freshwater _____ was home to many different types of fish and was a popular spot for fishing.

- n.* a small, shallow lake

107. The _____ to the safe was a secret.

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

108. It is important to _____ yourself to your customers' needs to provide the best service possible.

- v.* to make receptive or aware; to bring into harmony or alignment

109. The baseball players retreated to the _____ after the inning was over.

- n.* a partially enclosed area or shelter often dug into the ground or located at ground level behind the benches, used for players or coaches in sports such as baseball, cricket, or field hockey

110. The ancient Romans built an _____ to transport water to the city.

- n.* a structure constructed to carry water over a long distance, typically consisting of a series of arches or elevated channels supported by pillars or towers

111. After the accident, the police found an empty _____.

- n.* a narrow, light boat with pointy ends and no keel that is propelled by a paddle

ANSWERS: 104. ribbon, 105. coal, 106. pond, 107. combination, 108. attune, 109. dugout, 110. aqueduct, 111. canoe

112. I tied up the _____ of newspapers and took them to the recycling center.

n. a group of things that are tied or wrapped together; a large amount or quantity of something; a package or parcel of things

113. Her response revealed _____ idiocy.

adj. unbelievable; enormous

114. 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

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

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

116. The _____ destroyed hundreds of homes and forced thousands of people to evacuate.

n. a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope

117. 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

118. The museum houses a _____ collection of Celtic artifacts.

adj. extremely interesting

119. The _____ area was home to many different species of birds.

adj. land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs

ANSWERS: 112. bundle, 113. incredible, 114. process, 115. bind, 116. wildfire, 117. structure, 118. fascinating, 119. wetland

120. The horses were kept in the _____ while their stalls were being cleaned.
n. a small enclosed field or pasture, especially one used for grazing or exercising horses
121. The _____ home has been in the family for generations.
adj. related to or connected with members of your family from the past
122. The newspaper devoted several _____ to the affair.
n. one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
123. As that country developed its industry, it began to invest more in _____ treatment technology.
n. water that contains waste substances from homes, farms, factories, etc.
124. _____ has jammed the inlet to the water turbine.
n. A simple plant that grows in or near water and lacks typical leaves and roots
125. 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
126. The _____ plants need to be pollinated by local insects.
adj. someone or something that is native to or occurring naturally in a particular place
127. Despite facing financial difficulties, the small business managed to stay _____ thanks to its loyal customers.
adj. floating or staying on the surface of a liquid or body of water; having enough money or resources to stay out of debt or financial trouble

ANSWERS: 120. paddock, 121. ancestral, 122. columns, 123. wastewater, 124. Algae, 125. struggle, 126. indigenous, 127. afloat

128. The paper is _____ worth reading thoroughly.

adv. without any question and beyond doubt; clearly

129. These gas nebulas are merely newborn galactic _____.

n. the most essential or fundamental part of something

130. The _____ of a tattoo is something to consider before getting one.

n. the quality of being permanent, lasting, or enduring; the state or condition of being permanent

131. The mangroves around the _____ provide a habitat for a unique ecosystem

n. a shallow stretch of water separated from a larger body of water by sandbanks or coral reefs; a small saltwater lake near a sea or an ocean

132. We cannot _____ an opportunity for great success.

v. to fail to notice something; to watch over someone; to provide a view from above

133. We strive not to _____ the environment when demolishing petroleum plants.

v. to make something impure, unclean, or poisonous by contact or mixture

134. The volcanic ____ covered the island after the eruption.

n. the powdery residue left after the burning of a substance, typically containing minerals and other impurities; the solid remains of a dead person after cremation

135. It is a _____ in many families to have a big Thanksgiving dinner with all their relatives.

n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

ANSWERS: 128. definitely, 129. cores, 130. permanence, 131. lagoon, 132. overlook, 133. contaminate, 134. ash, 135. tradition

136. The girl _____ a garland for her friend.

- v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

137. He _____ pieces of rope out of straw.

- v. to bend or turn something into a certain shape

138. _____ the bandage tightly around the injured arm.

- v. to cover or enclose something entirely with paper, cloth, or other material

139. The _____ had distinctly defined gender roles.

- n. a social group made up of members who live together, sharing the same language, culture, religion, etc., especially those who do not live in towns or cities

ANSWERS: 136. weaves, 137. twisted, 138. Wrap, 139. tribe