

Englist.me



Vocabulary Builder Reference from...

Shubhendu Sharma: How to grow a forest in your backyard | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

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.

acre

n. a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)

(1) half- **acre** parcel, (2) an **acre** of forest

The farm covers over 200 **acres** of land.

backyard

n. a whole space behind and belonging to a house

synonym: courtyard, garden

(1) play in the **backyard**, (2) **backyard** barbecue

He grows vegetables in his **backyard**.

attract

v. to draw or entice someone or something towards them through the qualities they have, especially positive ones

synonym: lure, entice, draw in

(1) **attract** attention, (2) **attract** customers

The government is eager to **attract** international investment.

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.

princess

n. the daughter of a monarch; the wife or widow of a prince; woman or girl considered to be particularly good or admirable

synonym : royal, noble, queen

(1) crown **princess**, (2) a Royal **Princess**

The prince fell in love with the **princess** and asked her to marry him.

entrepreneur

n. an individual who creates or invests in one or more businesses, especially when this involves taking financial risks

synonym : founder, executive

(1) a successful **entrepreneur**, (2) billionaire **entrepreneur**

Entrepreneurs willingly accept business risks to achieve success.

facilitate

v. to make something easier or more likely to happen

synonym : aid, assist, help

(1) **facilitate** a smooth transition, (2) **facilitate** the process

The company implemented a new software system to **facilitate** employee communication and collaboration.

professional

adj. having or showing the skill appropriate to a particular job; competent or skillful

synonym : skilled, competent, accomplished

(1) **professional** athlete, (2) certified **professional** secretary

He has a **professional** demeanor and always presents himself in a polished manner.

resort

n. a place where many people go for rest, sport, or another stated purpose; (verb) to turn to or take a course of action, especially an extreme or undesirable one, to resolve a difficult circumstance

synonym: vacation spot, hotel, (verb) address

(1) **resort** to desperate measures, (2) a last **resort**

If both countries **resort** to nuclear deterrence, the consequence could be mutual destruction.

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.

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.

urban

adj. relating to or located in a town or city

synonym: metropolitan, civic

(1) **urban** planning, (2) **urban** property owners

Only a small number of **urban** utilities offer sanitation services.

dense

adj. containing a large number of people or something with little space between them

synonym: heavy, thick, idiotic

(1) nutrient- **dense** foods, (2) **dense** forests

The entire mountain is covered in **dense** rainforest.

intervention

n. the action or process of being done to improve or help a circumstance, often they have not been asked to do so

synonym : interference, intercession, treatment

(1) **intervention** by foreign powers, (2) surgical

intervention

This **intervention** does not require the patient's consent.

belong

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

synonym : fit, be appropriate, be suitable

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

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

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.

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.

engineer

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

synonym : architect, creator, builder

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

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

convert

v. to have a talk with someone; (adjective) reversed in order, relation, or action

synonym: alter, remake, transform

(1) **convert** fat into energy, (2) **convert** base 10 to base 16
I want to **convert** my sadness into strength.

drip

v. to fall in drops or make it fall in drops; (noun) liquid or moisture that falls in drops

synonym: drop, drizzle, trickle

(1) **drip** liquid, (2) **drip** from the vicious wound

Water is **dripping** from the faucet.

sap

v. to gradually weaken or drain strength, energy, or resources; to undermine or impair someone's confidence or morale

synonym: weaken, exhaust, drain

(1) **sap** flow, (2) **sap** strength

The disease has **sapped** all his energy, and he can barely get out of bed.

rub

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

synonym: scrub, massage, stroke

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

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

tire

v. to become weary or fatigued, often due to physical or mental exertion; to cause someone to feel weary or fatigued; (noun) a rubber covering that is placed around the rim of a wheel, which provides traction and absorbs shock while driving

synonym: exhaust, weary, fatigue

(1) **tire** my patience, (2) **tire** pressure

I need to **tire** out my dog with a long walk so that he will sleep through the night.

separate

v. to force, take, or pull apart; mark as different

synonym : disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

irreversible

adj. impossible to change or return to a previous condition

synonym : irrevocable, unrecoverable, permanent

(1) avoid **irreversible** damage, (2) an **irreversible** change

The development of agricultural technology has had an **irreversible** impact on humanity.

opposition

n. the act of disagreeing or resisting; the state of strong disagreement

synonym : resistance, hostility, antagonism

(1) **opposition** campaign, (2) meet with **opposition**

The **opposition** party strongly disagreed with the government's proposed legislation.

atom

n. the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

synonym : particle, element, fraction

(1) oxygen **atom**, (2) neutral hydrogen **atoms**

The outermost electron shell of an **atom** determines its chemical characteristics.

soil

n. the top layer of Earth in which plants grow

synonym : earth, ground, mud

(1) **soils** retentive of moisture, (2) parched **soil**

Soil moisture is another significant component controlling soil respiration.

identify

v. to recognize someone or something and say or prove who or what they are

synonym :

determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

particle

n. a small piece of something; a word or piece of a term with grammatical function but little or no significance

synonym: atom, grain, bit

(1) charged **particle**, (2) **particle** energy

We can calculate the position of the **particles** statistically.

compact

adj. closely and firmly united or packed together, using very little space; smaller than is usual

synonym: packed, tight, consolidated

(1) a **compact** camera, (2) extremely **compact** device

Two countries acted together as if by **compact**.

seep

v. to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually

synonym: leak, ooze, trickle

(1) **seep** cool and moist air, (2) **seep** into paper

The rain began to **seep** through the roof, causing damage to the walls and floors.

biomass

n. the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms

(1) **biomass** energy, (2) fuel **biomass**

The **biomass** in a forest can be measured by collecting and weighing all living plants within a specific area.

absorb

v. to take in a fluid or other substance gradually

synonym: consume, soak, ingest

(1) **absorb** energy, (2) **absorb** a shock

The sponge **absorbs** water well.

peat

n. a type of soil made up of partially decayed organic matter (usually moss) that accumulates in wetlands or bogs, often used as fuel for heat and cooking in some regions of the world

(1) **peat** reserves, (2) **peat** production

Gardeners often use **peat** as a soil conditioner to improve drainage and retain moisture.

bagasse

n. the fibrous residue left after extracting juice from sugarcane or similar plant material, often used as a biofuel or in the production of paper and board products

synonym : fiber, cane

(1) **bagasse** boiler, (2) **bagasse** pulp

The company leads **bagasse** recycling, turning waste into valuable products.

moist

adj. slightly wet, a state characterized by the presence of moisture or dampness

synonym : damp, humid, wet

(1) **moist** soil, (2) **moist** climate

My hands felt **moist** and sweaty during the exam.

sunlight

n. the light emitted by the sun; the rays of the sun

synonym : daylight, rays, sunshine

(1) a glare of **sunlight**, (2) in direct **sunlight**

Radiation from **sunlight** has a different wavelength.

nutrition

n. the substances or the process that organisms take into their bodies as food for their growth and health

synonym : alimentation, nourishment, sustenance

(1) **nutrition** condition, (2) **nutrition** intake

This food contains all the **nutrition** your dog requires.

microorganism

n. a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope

synonym : germ, microbe, bacterium

(1) pathogenic **microorganism**, (2) **microorganisms** in his gut

This **microorganism** is a producer of respiratory disease.

nutrient

n. any substance that is essential for the maintenance and growth of living things

synonym: food, vitamin

(1) **nutrient** medicine, (2) a **nutrient** for hair

They used fast-acting **nutrients** on the flowers in the flower beds.

naturally

adv. as might be expected; by natural manners

synonym: by nature, inherently, intrinsically

(1) **naturally** arising, (2) **naturally** regenerated forest

He was **naturally** gifted.

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.

survey

n. an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions

synonym: study, examination, poll

(1) a comprehensive **survey**, (2) recent **survey**

That **survey** shows that people are accepting the tax increase to some extent.

native

adj. connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place

synonym: endemic, domestic, aboriginal

(1) **native** to Africa, (2) **native** language

The vegetation here is almost wholly **native**.

decide

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

nation

n. a large organized community of people living in a particular country or region and having a particular culture

synonym: country, state, sovereign entity

(1) **nation-state**, (2) a seafaring **nation**

The **nation** of Japan is known for its unique culture and advanced technology.

sacred

adj. connected with religion or religious purposes; worthy of respect or dedication because of a connection with a god

synonym: holy, inviolable, hallowed

(1) **sacred** music, (2) the halo of a **sacred** image

This space is a private office **sacred** to the President

grove

n. a small group of trees growing closely together

synonym: copse, thicket, underbrush

(1) a bamboo **grove**, (2) citrus **grove**

They walked through the **grove** of trees and admired the natural beauty.

temple

n. a place of worship, especially one that is associated with a particular religion or faith; the flat area on either side of the forehead

synonym: shrine, mosque, synagogue

(1) **temple** complex, (2) a tour guide at the **temple**

He visited the **temple** to pray and make offerings to the gods.

poem

n. a piece of writing that emphasizes the expression of feelings and ideas by paying particular attention to diction (sometimes rhyme), rhythm, and imagery

synonym: ballad, lyric, verse

(1) a narrative **poem**, (2) **poem** to the dead

A great **poem** is a fountain forever overflowing with the waters of wisdom and delight.

divide

v. to separate or cause to separate into parts or groups

synonym: separate, disconnect, split

(1) **divide** the cake into two pieces, (2) **divide** money equally

Can you **divide** 123321 by eleven?

shrub

n. a woody plant that is smaller than a tree and has several main stems emerging from the soil

synonym: bush, hedge, fern

(1) tree and **shrubs**, (2) small **shrub**

These are **shrubs** with no trunks that rarely grow taller than 3 meters.

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.

ratio

n. the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal

synonym: proportion, rate, quota

(1) debt-to-income **ratio**, (2) **ratio** of boys to girls

The **ratio** of water to sugar in the recipe is 1:2.

percentage

n. the number, amount, or rate of something, which is usually the amount per hundred

synonym : rate, ratio, portion

(1) the **percentage** of the gold content, (2) a high **percentage**

What is the **percentage** of the consumption tax in the United States?

bearing

n. the way in which one comports oneself; a posture or stance, especially one indicative of confidence or authority; the horizontal direction or position of a place, object, or person relative to another

synonym : demeanor, posture, manner

(1) a thrust **bearing**, (2) a military **bearing**

The pilot had to adjust the plane's **bearing** to stay on course.

evergreen

adj. (of plants) retaining its leaves or foliage throughout the year; (figuratively) enduring, perennial, or constant

synonym : ever-blooming, perennial, unfading

(1) **evergreen** classic, (2) **evergreen** shrub

The **evergreen** trees in the forest stay green all year round.

germinate

v. to begin to grow or develop, typically as a seed sprouts

synonym : sprout, grow, develop

(1) days to **germinate**, (2) **germinate** the idea

The seeds **germinated** quickly in the warm soil.

sapling

n. a young tree or plant that has not yet reached full maturity; a small, slender tree or shrub

synonym : seedling, young tree, saplet

(1) **sapling** growth, (2) **sapling** tree

The park has planted several **saplings** to increase the number of trees in the area.

vertical

adj. upright or perpendicular to a horizontal surface or line

synonym : perpendicular, upright, plumb

(1) **vertical** takeoff, (2) **vertical** axis

The ladder leaned against the **vertical** surface of the

building.

mulch

n. a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation

synonym: compost, ground cover, bedding

(1) **mulch** from the vegetation, (2) organic **mulch**

The landscaper recommended a layer of rubber **mulch** for the children's playground as it provides cushioning and minimizes injuries from falls.

frost

n. a thin layer of ice that forms on surfaces when the temperature falls below freezing; weather cold enough to cause freezing

synonym: freeze, ice, blight

(1) five degrees of **frost**, (2) **frost** line

The **frost** on the ground made it slippery and difficult to walk.

penetrate

v. to pass into or through something, often by overcoming resistance

synonym: pierce, stab, go through

(1) **penetrate** a cell, (2) **penetrate** quickly into the skin

Western ideology slowly **penetrates** through the eastern countries.

initially

adv. at the beginning; at first

synonym: originally, primarily, firstly

(1) **initially** anticipated, (2) diagnosed **initially** as a tumor

This train departed later than **initially** scheduled.

depth

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

synonym: deepness, profoundness, extent

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

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

mesh

n. a material made of a network of wire, plastic, or thread
synonym : netting, weave, lattice

(1) a **mesh** fence, (2) the **mesh** of a basket

The **mesh** fabric was breathable and comfortable to wear.

tight

adj. fixed, fastened, or kept together firmly or closely
synonym : closed, secured, cramped

(1) a **tight** game, (2) student on a **tight** budget

The national election was held amid **tight** security.

fungus

n. a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

synonym : mold, mildew, yeast

(1) **fungus** infection, (2) symbiotic **fungus**

Certain types of **fungus** can be toxic to humans, causing severe illness if ingested.

vicinity

n. the area or region surrounding or in the general vicinity of a particular place or location; a nearby or neighboring region

synonym : proximity, nearness, locality

(1) immediate **vicinity**, (2) city and its **vicinity**

The area in the **vicinity** of the mall is known for its heavy traffic congestion.

microbe

n. a tiny living thing that can only be seen with a microscope and that may cause disease

synonym : germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

Microbes thrive on the surface of the human skin.

magical

adj. produced by or containing supernatural powers

synonym : enchanting, occult, supernatural

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

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

mushroom

n. a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap

synonym : fungus, toadstool

(1) **mushroom** spores, (2) **mushroom** cultivation

The **mushroom** risotto was delicious, but I couldn't identify all the mushrooms in it.

overnight

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

synonym : all-night, sudden, immediate

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

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

weed

n. a wild plant growing where it is not wanted and in competition with cultivated plants

synonym : plant, grass, shrub

(1) pull up a **weed**, (2) **weed** management

The garden was full of **weeds** that needed to be pulled.

eventually

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

synonym : finally, someday, ultimately

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

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

evaporate

v. to turn a liquid into a gas; to become less intense and disappear gradually

synonym : vaporize, disappear, vanish

(1) **evaporate** the water, (2) **evaporate** almost overnight

The sun will **evaporate** the mist.

atmosphere

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

synonym: air, ambiance, circumstances

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

atmosphere

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

condense

v. to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated

synonym: compress, compact, shorten

(1) **condense** the text, (2) **condense** water vapor

I need to **condense** all of my notes into a manageable summary for my presentation.

retain

v. to keep or continue to possess or maintain something

synonym: possess, hold, keep on

(1) **retain** information, (2) **retain** a lawyer

Computers help people **retain** specific memories.

moisture

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

synonym: dampness, humidity, wetness

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

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

gradual

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

synonym: incremental, gradational, piecemeal

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

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

immediately

adv. now or without delay

synonym: directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer **immediately**

A suspension order from the court is effective **immediately**.

decay

n. the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi;
(verb) to rot or decompose through natural causes

synonym : corrosion, decomposition, deterioration

(1) radioactive **decay**, (2) prevent tooth **decay**

The dead body was in an advanced state of **decay**.

humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym : buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

exponential

adj. becoming more and more rapid; of or involving mathematical exponents

(1) **exponential** growth, (2) **exponential** function

Since the 1990s, the Internet has continued to experience **exponential** growth.

jungle

n. an area of tropical forest where in which trees and plants grow very thickly

synonym : wilderness, forest

(1) middle of the **jungle**, (2) **jungle** exploration

This village is still in a dense **jungle**.

independence

n. freedom from another's or others' control or influence

synonym : freedom, liberty, autonomy

(1) financial **independence**, (2) **independence** ceremony

There is nothing more valuable than **independence** and freedom.

Session 2: Spelling

1. co_____t fat into energy
v. to have a talk with someone; (adjective) reversed in order, relation, or action
2. na___e to Africa
adj. connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
3. ma_____l place
adj. produced by or containing supernatural powers
4. id_____fy handwriting
v. to recognize someone or something and say or prove who or what they are
5. neutral hydrogen a__ms
n. the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
6. de___e a question
v. to make up someone's mind about something; to come to a conclusion or judgment after considering options
7. exp_____al growth
adj. becoming more and more rapid; of or involving mathematical exponents
8. 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
9. na_____ly arising
adv. as might be expected; by natural manners
10. id_____fy gene sequences
v. to recognize someone or something and say or prove who or what they are

ANSWERS: 1. convert, 2. native, 3. magical, 4. identify, 5. atom, 6. decide, 7. exponential, 8. biodiversity, 9. naturally, 10. identify

- | | |
|-----------------------------|--|
| 11. nu_____nt medicine | <i>n.</i> any substance that is essential for the maintenance and growth of living things |
| 12. save the pl____t | <i>n.</i> any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star |
| 13. s_p strength | <i>v.</i> to gradually weaken or drain strength, energy, or resources; to undermine or impair someone's confidence or morale |
| 14. a seafaring na____n | <i>n.</i> a large organized community of people living in a particular country or region and having a particular culture |
| 15. bi_____s energy | <i>n.</i> the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms |
| 16. ev_____te the water | <i>v.</i> to turn a liquid into a gas; to become less intense and disappear gradually |
| 17. ve_____al axis | <i>adj.</i> upright or perpendicular to a horizontal surface or line |
| 18. exp_____al function | <i>adj.</i> becoming more and more rapid; of or involving mathematical exponents |
| 19. charged pa_____le | <i>n.</i> a small piece of something; a word or piece of a term with grammatical function but little or no significance |
| 20. billionaire ent_____eur | <i>n.</i> an individual who creates or invests in one or more businesses, especially when this involves taking financial risks |
| 21. pe_____te a cell | <i>v.</i> to pass into or through something, often by overcoming resistance |

ANSWERS: 11. nutrient, 12. planet, 13. sap, 14. nation, 15. biomass, 16. evaporate, 17. vertical, 18. exponential, 19. particle, 20. entrepreneur, 21. penetrate

22. ind_____al alcohol *adj.* of or relating to or resulting from industry
23. certified pro_____nal secretary *adj.* having or showing the skill appropriate to a particular job; competent or skillful
24. half-a__e parcel *n.* a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)
25. na___e language *adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
26. a comprehensive su___y *n.* an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions
27. symbiotic fu___s *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
28. ev_____en shrub *adj.* (of plants) retaining its leaves or foliage throughout the year; (figuratively) enduring, perennial, or constant
29. a narrative p__m *n.* a piece of writing that emphasizes the expression of feelings and ideas by paying particular attention to diction (sometimes rhyme), rhythm, and imagery
30. fr__t line *n.* a thin layer of ice that forms on surfaces when the temperature falls below freezing; weather cold enough to cause freezing

ANSWERS: 22. industrial, 23. professional, 24. acre, 25. native, 26. survey, 27. fungus, 28. evergreen, 29. poem, 30. frost

31. an irr_____ble change *adj.* impossible to change or return to a previous condition
32. pro_____nal athlete *adj.* having or showing the skill appropriate to a particular job; competent or skillful
33. nu_____on condition *n.* the substances or the process that organisms take into their bodies as food for their growth and health
34. tree and sh__bs *n.* a woody plant that is smaller than a tree and has several main stems emerging from the soil
35. write him an answer imm_____ly *adv.* now or without delay
36. ge_____te the idea *v.* to begin to grow or develop, typically as a seed sprouts
37. int_____ion by foreign powers *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
38. immediate vi_____ty *n.* the area or region surrounding or in the general vicinity of a particular place or location; a nearby or neighboring region
39. mu_____om spores *n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
40. a m__h fence *n.* a material made of a network of wire, plastic, or thread
41. s__p into paper *v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually
42. d__p liquid *v.* to fall in drops or make it fall in drops; (noun) liquid or moisture that falls in drops

ANSWERS: 31. irreversible, 32. professional, 33. nutrition, 34. shrub, 35. immediately, 36. germinate, 37. intervention, 38. vicinity, 39. mushroom, 40. mesh, 41. seep, 42. drip

43. re___n a lawyer *v.* to keep or continue to possess or maintain something
44. surgical int_____ion *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
45. the per_____ge of the gold content *n.* the number, amount, or rate of something, which is usually the amount per hundred
46. ov_____ht success *adj.* lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time
47. is_____e a compound *v.* to physically or socially separate someone or something from other people or things
48. a co_____t camera *adj.* closely and firmly united or packed together, using very little space; smaller than is usual
49. parched s__l *n.* the top layer of Earth in which plants grow
50. a glare of su_____ht *n.* the light emitted by the sun; the rays of the sun
51. financial ind_____nce *n.* freedom from another's or others' control or influence
52. beginning of the ind_____al revolution *adj.* of or relating to or resulting from industry
53. co_____se the text *v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated

ANSWERS: 43. retain, 44. intervention, 45. percentage, 46. overnight, 47. isolate, 48. compact, 49. soil, 50. sunlight, 51. independence, 52. industrial, 53. condense

54. d__p from the vicious wound *v.* to fall in drops or make it fall in drops; (noun) liquid or moisture that falls in drops
55. ev_____te almost overnight *v.* to turn a liquid into a gas; to become less intense and disappear gradually
56. an a__e of forest *n.* a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)
57. meet with opp_____on *n.* the act of disagreeing or resisting; the state of strong disagreement
58. s__p cool and moist air *v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually
59. pathogenic mic_____ism *n.* a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope
60. a high per_____ge *n.* the number, amount, or rate of something, which is usually the amount per hundred
61. a military be_____g *n.* the way in which one comports oneself; a posture or stance, especially one indicative of confidence or authority; the horizontal direction or position of a place, object, or person relative to another
62. carbon dioxide in the atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

ANSWERS: 54. drip, 55. evaporate, 56. acre, 57. opposition, 58. seep, 59. microorganism, 60. percentage, 61. bearing, 62. atmosphere

63. the halo of a sa___d image *adj.* connected with religion or religious purposes; worthy of respect or dedication because of a connection with a god
64. 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
65. hu___g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
66. s___ls retentive of moisture *n.* the top layer of Earth in which plants grow
67. ur___n planning *adj.* relating to or located in a town or city
68. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
69. ind_____nce ceremony *n.* freedom from another's or others' control or influence
70. a ti___t game *adj.* fixed, fastened, or kept together firmly or closely
71. ra___o of boys to girls *n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
72. a successful ent_____eur *n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks
73. at_____t attention *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones

ANSWERS: 63. sacred, 64. integral, 65. humming, 66. soil, 67. urban, 68. eventually, 69. independence, 70. tight, 71. ratio, 72. entrepreneur, 73. attract

74. a last re___t *n.* a place where many people go for rest, sport, or another stated purpose; (verb) to turn to or take a course of action, especially an extreme or undesirable one, to resolve a difficult circumstance
75. city and its vi____ty *n.* the area or region surrounding or in the general vicinity of a particular place or location; a nearby or neighboring region
76. ba____e pulp *n.* the fibrous residue left after extracting juice from sugarcane or similar plant material, often used as a biofuel or in the production of paper and board products
77. ba____e boiler *n.* the fibrous residue left after extracting juice from sugarcane or similar plant material, often used as a biofuel or in the production of paper and board products
78. crown pr____ss *n.* the daughter of a monarch; the wife or widow of a prince; woman or girl considered to be particularly good or admirable
79. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
80. a Royal Pr____ss *n.* the daughter of a monarch; the wife or widow of a prince; woman or girl considered to be particularly good or admirable
81. middle of the ju___e *n.* an area of tropical forest where in which trees and plants grow very thickly

ANSWERS: 74. resort, 75. vicinity, 76. bagasse, 77. bagasse, 78. princess, 79. decide, 80. princess, 81. jungle

82. mic_____isms in his gut *n.* a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope
83. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
84. imm_____ly recall a product *adv.* now or without delay
85. s_p flow *v.* to gradually weaken or drain strength, energy, or resources; to undermine or impair someone's confidence or morale
86. de__e forests *adj.* containing a large number of people or something with little space between them
87. in_____ly anticipated *adv.* at the beginning; at first
88. lot of mo_____re *n.* small amounts of liquid, especially water, that are present in or absorbed by a substance
89. opp_____on campaign *n.* the act of disagreeing or resisting; the state of strong disagreement
90. organic mu__h *n.* a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation
91. mu__h from the vegetation *n.* a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation

ANSWERS: 82. microorganism, 83. eventually, 84. immediately, 85. sap, 86. dense, 87. initially, 88. moisture, 89. opposition, 90. mulch, 91. mulch

92. extremely co____t device *adj.* closely and firmly united or packed together, using very little space; smaller than is usual
93. na_____ly regenerated forest *adv.* as might be expected; by natural manners
94. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
95. mu_____om cultivation *n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
96. nutrient-de__e foods *adj.* containing a large number of people or something with little space between them
97. oxygen a__m *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
98. nu_____on intake *n.* the substances or the process that organisms take into their bodies as food for their growth and health
99. fuel bi_____s *n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
100. w__d management *n.* a wild plant growing where it is not wanted and in competition with cultivated plants
101. 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

ANSWERS: 92. compact, 93. naturally, 94. microbe, 95. mushroom, 96. dense, 97. atom, 98. nutrition, 99. biomass, 100. weed, 101. canopy

102. co____se water vapor *v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated
103. pa____le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
104. be____g to a group *v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
105. five degrees of fr__t *n.* a thin layer of ice that forms on surfaces when the temperature falls below freezing; weather cold enough to cause freezing
106. be____g to different species *v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
107. citrus gr__e *n.* a small group of trees growing closely together
108. hu____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
109. se____te cream from milk *v.* to force, take, or pull apart; mark as different
110. 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

ANSWERS: 102. condense, 103. particle, 104. belong, 105. frost, 106. belong, 107. grove, 108. humming, 109. separate, 110. biodiversity

111. a thrust be_____g *n.* the way in which one comports oneself; a posture or stance, especially one indicative of confidence or authority; the horizontal direction or position of a place, object, or person relative to another
112. the de__h of the water *n.* the distance between the top and bottom of something; between the top surface and a distance below it
113. t__e my patience *v.* to become weary or fatigued, often due to physical or mental exertion; to cause someone to feel weary or fatigued; (noun) a rubber covering that is placed around the rim of a wheel, which provides traction and absorbs shock while driving
114. fac_____te a smooth transition *v.* to make something easier or more likely to happen
115. pull up a w__d *n.* a wild plant growing where it is not wanted and in competition with cultivated plants
116. sa_____g tree *n.* a young tree or plant that has not yet reached full maturity; a small, slender tree or shrub
117. re___n information *v.* to keep or continue to possess or maintain something
118. a gr_____l change *adj.* happening slowly over a long period of time or distance; not steep or abrupt
119. radioactive de__y *n.* the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes

ANSWERS: 111. bearing, 112. depth, 113. tire, 114. facilitate, 115. weed, 116. sapling, 117. retain, 118. gradual, 119. decay

120. t__e pressure *v.* to become weary or fatigued, often due to physical or mental exertion; to cause someone to feel weary or fatigued; (noun) a rubber covering that is placed around the rim of a wheel, which provides traction and absorbs shock while driving
121. diagnosed in____ly as a tumor *adv.* at the beginning; at first
122. avoid irr____ble damage *adj.* impossible to change or return to a previous condition
123. days to ge____te *v.* to begin to grow or develop, typically as a seed sprouts
124. at____t customers *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
125. mi____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
126. prevent tooth de__y *n.* the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes
127. mo____re level *n.* small amounts of liquid, especially water, that are present in or absorbed by a substance
128. te____e complex *n.* a place of worship, especially one that is associated with a particular religion or faith; the flat area on either side of the forehead

ANSWERS: 120. tire, 121. initially, 122. irreversible, 123. germinate, 124. attract, 125. microbe, 126. decay, 127. moisture, 128. temple

129. a nu_____nt for hair *n.* any substance that is essential for the maintenance and growth of living things
130. se_____te video into chapter *v.* to force, take, or pull apart; mark as different
131. ov_____ht parking *adj.* lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time
132. ur__n property owners *adj.* relating to or located in a town or city
133. r_b a glass window *v.* to move one's hand or an object over the surface of something with pressure
134. small sh__b *n.* a woody plant that is smaller than a tree and has several main stems emerging from the soil
135. co_____t base 10 to base 16 *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
136. p__t reserves *n.* a type of soil made up of partially decayed organic matter (usually moss) that accumulates in wetlands or bogs, often used as fuel for heat and cooking in some regions of the world
137. the m__h of a basket *n.* a material made of a network of wire, plastic, or thread
138. pe_____te quickly into the skin *v.* to pass into or through something, often by overcoming resistance
139. mo__t soil *adj.* slightly wet, a state characterized by the presence of moisture or dampness
140. re__t to desperate measures *n.* a place where many people go for rest, sport, or another stated purpose; (verb) to turn to or take a course of action, especially an extreme or undesirable one, to resolve a difficult circumstance

ANSWERS: 129. nutrient, 130. separate, 131. overnight, 132. urban, 133. rub, 134. shrub, 135. convert, 136. peat, 137. mesh, 138. penetrate, 139. moist, 140. resort

141. ab___b energy *v.* to take in a fluid or other substance gradually
142. p__m to the dead *n.* a piece of writing that emphasizes the expression of feelings and ideas by paying particular attention to diction (sometimes rhyme), rhythm, and imagery
143. 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
144. 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
145. play in the ba_____rd *n.* a whole space behind and belonging to a house
146. mo__t climate *adj.* slightly wet, a state characterized by the presence of moisture or dampness
147. the worst hum_____de disaster *adj.* created or produced by humans; artificial
148. a tour guide at the te___e *n.* a place of worship, especially one that is associated with a particular religion or faith; the flat area on either side of the forehead
149. sa___d music *adj.* connected with religion or religious purposes; worthy of respect or dedication because of a connection with a god

ANSWERS: 141. absorb, 142. poem, 143. multiply, 144. integral, 145. backyard, 146. moist, 147. human-made, 148. temple, 149. sacred

150. fu___s infection *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
151. recent su___y *n.* an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions
152. ba_____rd barbecue *n.* a whole space behind and belonging to a house
153. 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
154. de__h camera *n.* the distance between the top and bottom of something; between the top surface and a distance below it
155. in direct su_____ht *n.* the light emitted by the sun; the rays of the sun
156. ma_____l powers *adj.* produced by or containing supernatural powers
157. ab___b a shock *v.* to take in a fluid or other substance gradually
158. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
159. di___e money equally *v.* to separate or cause to separate into parts or groups

ANSWERS: 150. fungus, 151. survey, 152. backyard, 153. planet, 154. depth, 155. sunlight, 156. magical, 157. absorb, 158. engineer, 159. divide

160. fac_____te the process *v.* to make something easier or more likely to happen
161. debt-to-income ra__o *n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
162. ju___e exploration *n.* an area of tropical forest where in which trees and plants grow very thickly
163. a convivial atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
164. a gr_____l process *adj.* happening slowly over a long period of time or distance; not steep or abrupt
165. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
166. r_b shoulders *v.* to move one's hand or an object over the surface of something with pressure
167. sa_____g growth *n.* a young tree or plant that has not yet reached full maturity; a small, slender tree or shrub
168. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
169. 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
170. ve_____al takeoff *adj.* upright or perpendicular to a horizontal surface or line

ANSWERS: 160. facilitate, 161. ratio, 162. jungle, 163. atmosphere, 164. gradual, 165. nation, 166. rub, 167. sapling, 168. engineer, 169. multiply, 170. vertical

Session 3: Fill in the Blanks

1. Western ideology slowly _____ through the eastern countries.
v. to pass into or through something, often by overcoming resistance
2. A suspension order from the court is effective _____.
adv. now or without delay
3. 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
4. The national election was held amid _____ security.
adj. fixed, fastened, or kept together firmly or closely
5. I will introduce you to how to _____ the leading causes of the malfunction.
v. to recognize someone or something and say or prove who or what they are
6. When I was a child, my mother often cast _____ spells to ease my pain whenever I was injured.
adj. produced by or containing supernatural powers
7. This space is a private office _____ to the President
adj. connected with religion or religious purposes; worthy of respect or dedication because of a connection with a god
8. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
v. to force, take, or pull apart; mark as different

ANSWERS: 1. penetrates, 2. immediately, 3. biodiversity, 4. tight, 5. identify, 6. magical, 7. sacred, 8. separate

9. I want to _____ my sadness into strength.

v. to have a talk with someone; (adjective) reversed in order, relation, or action

10. Water is _____ from the faucet.

v. to fall in drops or make it fall in drops; (noun) liquid or moisture that falls in drops

11. The area in the _____ of the mall is known for its heavy traffic congestion.

n. the area or region surrounding or in the general vicinity of a particular place or location; a nearby or neighboring region

12. Two countries acted together as if by _____.

adj. closely and firmly united or packed together, using very little space; smaller than is usual

13. This village is still in a dense _____.

n. an area of tropical forest where in which trees and plants grow very thickly

14. Gardeners often use _____ as a soil conditioner to improve drainage and retain moisture.

n. a type of soil made up of partially decayed organic matter (usually moss) that accumulates in wetlands or bogs, often used as fuel for heat and cooking in some regions of the world

15. The sponge _____ water well.

v. to take in a fluid or other substance gradually

16. The _____ of the bees filled the air as she walked through the garden.

adj. producing a continuous, low, vibrating sound like that of the bee

ANSWERS: 9. convert, 10. dripping, 11. vicinity, 12. compact, 13. jungle, 14. peat, 15. absorbs, 16. humming

17. This food contains all the _____ your dog requires.
n. the substances or the process that organisms take into their bodies as food for their growth and health
18. The corporation _____ dominated the entire tobacco business.
adv. finally, particularly after a long time or a lot of struggle, complications, and so on
19. The ladder leaned against the _____ surface of the building.
adj. upright or perpendicular to a horizontal surface or line
20. The _____ of Japan is known for its unique culture and advanced technology.
n. a large organized community of people living in a particular country or region and having a particular culture
21. This train departed later than _____ scheduled.
adv. at the beginning; at first
22. The _____ on the ground made it slippery and difficult to walk.
n. a thin layer of ice that forms on surfaces when the temperature falls below freezing; weather cold enough to cause freezing
23. The farm covers over 200 _____ of land.
n. a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)
24. A great _____ is a fountain forever overflowing with the waters of wisdom and delight.
n. a piece of writing that emphasizes the expression of feelings and ideas by paying particular attention to diction (sometimes rhyme), rhythm, and imagery

ANSWERS: 17. nutrition, 18. eventually, 19. vertical, 20. nation, 21. initially, 22. frost, 23. acres, 24. poem

25. _____ thrive on the surface of the human skin.
n. a tiny living thing that can only be seen with a microscope and that may cause disease
26. They used fast-acting _____ on the flowers in the flower beds.
n. any substance that is essential for the maintenance and growth of living things
27. The sun will _____ the mist.
v. to turn a liquid into a gas; to become less intense and disappear gradually
28. The _____ risotto was delicious, but I couldn't identify all the mushrooms in it.
n. a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
29. The _____ package delivery arrived at my door this morning.
adj. lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time
30. _____ 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
31. The _____ trees in the forest stay green all year round.
adj. (of plants) retaining its leaves or foliage throughout the year; (figuratively) enduring, perennial, or constant
32. The _____ party strongly disagreed with the government's proposed legislation.
n. the act of disagreeing or resisting; the state of strong disagreement

ANSWERS: 25. Microbes, 26. nutrients, 27. evaporate, 28. mushroom, 29. overnight, 30. Multiply, 31. evergreen, 32. opposition

33. The dead body was in an advanced state of _____.
- n.* the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes
34. If both countries _____ to nuclear deterrence, the consequence could be mutual destruction.
- n.* a place where many people go for rest, sport, or another stated purpose; (verb) to turn to or take a course of action, especially an extreme or undesirable one, to resolve a difficult circumstance
35. I need to _____ out my dog with a long walk so that he will sleep through the night.
- v.* to become weary or fatigued, often due to physical or mental exertion; to cause someone to feel weary or fatigued; (noun) a rubber covering that is placed around the rim of a wheel, which provides traction and absorbs shock while driving
36. The company implemented a new software system to _____ employee communication and collaboration.
- v.* to make something easier or more likely to happen
37. The entire mountain is covered in _____ rainforest.
- adj.* containing a large number of people or something with little space between them
38. The prince fell in love with the _____ and asked her to marry him.
- n.* the daughter of a monarch; the wife or widow of a prince; woman or girl considered to be particularly good or admirable
39. The seeds _____ quickly in the warm soil.
- v.* to begin to grow or develop, typically as a seed sprouts

ANSWERS: 33. decay, 34. resort, 35. tire, 36. facilitate, 37. dense, 38. princess, 39. germinated

40. The government is eager to _____ international investment.
- v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
41. The _____ in a forest can be measured by collecting and weighing all living plants within a specific area.
- n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
42. The _____ will repair my telephone tomorrow morning.
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
43. The pond's _____ was around five feet.
- n.* the distance between the top and bottom of something; between the top surface and a distance below it
44. She couldn't _____ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
45. Certain types of _____ can be toxic to humans, causing severe illness if ingested.
- n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
46. The bridge is a _____ structure and was built to span the river.
- adj.* created or produced by humans; artificial

ANSWERS: 40. attract, 41. biomass, 42. engineer, 43. depth, 44. decide, 45. fungus, 46. human-made

47. My hair looks greasy because there is too much _____ in the air.
n. small amounts of liquid, especially water, that are present in or absorbed by a substance
48. This _____ does not require the patient's consent.
n. the action or process of being done to improve or help a circumstance, often they have not been asked to do so
49. These are _____ with no trunks that rarely grow taller than 3 meters.
n. a woody plant that is smaller than a tree and has several main stems emerging from the soil
50. What is the _____ of the consumption tax in the United States?
n. the number, amount, or rate of something, which is usually the amount per hundred
51. They walked through the _____ of trees and admired the natural beauty.
n. a small group of trees growing closely together
52. Since the 1990s, the Internet has continued to experience _____ growth.
adj. becoming more and more rapid; of or involving mathematical exponents
53. He grows vegetables in his _____.
n. a whole space behind and belonging to a house
54. He was _____ gifted.
adv. as might be expected; by natural manners
55. _____ moisture is another significant component controlling soil respiration.
n. the top layer of Earth in which plants grow

ANSWERS: 47. moisture, 48. intervention, 49. shrubs, 50. percentage, 51. grove, 52. exponential, 53. backyard, 54. naturally, 55. Soil

56. He visited the _____ to pray and make offerings to the gods.
- n.* a place of worship, especially one that is associated with a particular religion or faith; the flat area on either side of the forehead
57. All the books in this section _____ to the library's rare collection and must be handled carefully.
- v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
58. The pilot had to adjust the plane's _____ to stay on course.
- n.* the way in which one comports oneself; a posture or stance, especially one indicative of confidence or authority; the horizontal direction or position of a place, object, or person relative to another
59. I need to _____ all of my notes into a manageable summary for my presentation.
- v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated
60. That _____ shows that people are accepting the tax increase to some extent.
- n.* an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions
61. The company leads _____ recycling, turning waste into valuable products.
- n.* the fibrous residue left after extracting juice from sugarcane or similar plant material, often used as a biofuel or in the production of paper and board products
62. The garden was full of _____ that needed to be pulled.
- n.* a wild plant growing where it is not wanted and in competition with cultivated plants

ANSWERS: 56. temple, 57. belong, 58. bearing, 59. condense, 60. survey, 61. bagasse, 62. weeds

63. The spaceship began to burn up as it approached the Earth's _____.
- n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
64. The _____ of water to sugar in the recipe is 1:2.
- n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
65. The rain began to _____ through the roof, causing damage to the walls and floors.
- v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually
66. _____ willingly accept business risks to achieve success.
- n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks
67. Only a small number of _____ utilities offer sanitation services.
- adj.* relating to or located in a town or city
68. My hands felt _____ and sweaty during the exam.
- adj.* slightly wet, a state characterized by the presence of moisture or dampness
69. The disease has _____ all his energy, and he can barely get out of bed.
- v.* to gradually weaken or drain strength, energy, or resources; to undermine or impair someone's confidence or morale
70. The park has planted several _____ to increase the number of trees in the area.
- n.* a young tree or plant that has not yet reached full maturity; a small, slender tree or shrub

ANSWERS: 63. atmosphere, 64. ratio, 65. seep, 66. Entrepreneurs, 67. urban, 68. moist, 69. sapped, 70. saplings

71. Mercury is the closest _____ to the sun.

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

72. Computers help people _____ specific memories.

- v.* to keep or continue to possess or maintain something

73. 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

74. This _____ is a producer of respiratory disease.

- n.* a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope

75. She _____ the sore spot on her leg to ease the pain.

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

76. The landscaper recommended a layer of rubber _____ for the children's playground as it provides cushioning and minimizes injuries from falls.

- n.* a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation

77. You should not _____ them from the community.

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

ANSWERS: 71. planet, 72. retain, 73. integral, 74. microorganism, 75. rubbed, 76. mulch, 77. isolate

78. There is nothing more valuable than _____ and freedom.
n. freedom from another's or others' control or influence
79. He has a _____ demeanor and always presents himself in a polished manner.
adj. having or showing the skill appropriate to a particular job; competent or skillful
80. _____ design has become more focused on human nature aspect than ever before.
adj. of or relating to or resulting from industry
81. Radiation from _____ has a different wavelength.
n. the light emitted by the sun; the rays of the sun
82. The country experienced a _____ increase in population.
adj. happening slowly over a long period of time or distance; not steep or abrupt
83. The _____ fabric was breathable and comfortable to wear.
n. a material made of a network of wire, plastic, or thread
84. Can you _____ 123321 by eleven?
v. to separate or cause to separate into parts or groups
85. 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
86. The vegetation here is almost wholly _____.
adj. connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place

ANSWERS: 78. independence, 79. professional, 80. Industrial, 81. sunlight, 82. gradual, 83. mesh, 84. divide, 85. canopy, 86. native

87. We can calculate the position of the _____ statistically.

n. a small piece of something; a word or piece of a term with grammatical function but little or no significance

88. The outermost electron shell of an _____ determines its chemical characteristics.

n. the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

89. The development of agricultural technology has had an _____ impact on humanity.

adj. impossible to change or return to a previous condition

ANSWERS: 87. particles, 88. atom, 89. irreversible