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Vocabulary Builder Reference from...

Ben Longdon: How do viruses jump from animals to humans? | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

feverish

adj. having or showing symptoms of a high temperature, such as sweating and shivering; characterized by or showing strong feelings of excitement or energy

synonym : heated, hot, agitated

(1) feel **feverish**, (2) at a **feverish** pitch

She had a **feverish** look in her eyes as she struggled with illness.

hog

n. a domesticated pig or swine; a selfish or greedy person who keeps or takes more than their fair share of something; (verb) to take or use more than one's fair share of something, often to the detriment of others

synonym : pig, swine, boar

(1) **hog** farming, (2) **hog** all the glory

The farmer raised his **hogs** for meat and sold them at a local market.

inflame

v. to cause very strong feelings such as anger or excitement in a person or a group of people

synonym : agitate, arouse, enrage

(1) **inflame** skin, (2) **inflame** his passion

Her eyes **inflamed** with crying.

snout

n. the nose and mouth of an animal, especially when protruding or prominently featured

synonym: nose, muzzle, bill

(1) dig with the **snout**, (2) short **snouts**

The pig's **snout** was wet and covered in mud.

depart

v. to go away or leave, especially to start a journey

synonym: go away, leave, vacate

(1) arrive and **depart** on time, (2) **depart** from the faith

We **departed** before the temperature fell below zero.

pet

n. an animal that you have at home as a companion and treated kindly

(1) a **pet** bird, (2) a teacher's **pet**

I have a parrot as a **pet**.

mere

adj. used to emphasize how insignificant or minor someone or something is

synonym: bare, minor, sheer

(1) **mere** acquaintance, (2) **mere** incident

He lost the election by **mere** votes.

barn

n. a large farm building used for storage of crops or housing livestock

synonym: shed, outbuilding, granary

(1) **barn** building, (2) a **barn** for cows

The old **barn** on the farm was used to store hay and other equipment.

attend

v. to be present at an event, to go to a place

synonym: go, be present, accompany

(1) **attend** a meeting, (2) **attend** service

We must **attend** to this matter.

diagnose

v. to determine or distinguish the nature of a problem or an illness through a careful analysis

synonym: identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans
This device is used to **diagnose** brain cancer and other tumors.

swine

n. a domestic pig, especially one bred for its meat
synonym: pig, hog, porker

(1) **swine** flu, (2) **swine** industry

The farmer raises **swine** on his farm for the market.

influenza

n. (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

synonym: grippe, flu

(1) an epidemic outbreak of **influenza**, (2) **influenza** B strain

The research institute allocated a lot of money to study the cause and prevention of **influenza**.

infect

v. to affect a person, an animal, or a plant with a disease-causing organism

synonym: pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

infection

n. a condition in which pathogenic microorganisms or viruses have entered the body

synonym: contagion, disease, transmission

(1) a bacterial **infection**, (2) treat the **infection** with antibiotics

Hospitals must meet various standards to prevent nosocomial **infections**.

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.

epidemic

n. the widespread outbreak of a particular disease in a large number of people at the same time

synonym : outbreak, contagion, plague

(1) a worldwide **epidemic**, (2) health **epidemic**

The disease is now reaching **epidemic** proportions in our country.

pathogen

n. a bacterium, virus, or other microorganism that causes disease

synonym : germ, microbe, bacterium

(1) plant **pathogen**, (2) the **pathogen** in the air

mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

virus

n. a tiny infectious organic material that causes disease in people, animals, and plants

synonym : bacterium, germ, ailment

(1) spread of the **virus**, (2) a strain of **virus**

An infected person in the hospital will likely pass the **virus** to others.

organic

adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

synonym : biological

(1) **organic** soils, (2) eat **organic** food

The kidney is an **organic** component of the body.

parasite

n. an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

synonym : hitchhiker, leech, saprophyte

(1) blood-sucking **parasite**, (2) **parasite** disease

Tapeworms are **parasites** that live in the intestines of humans and animals.

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.

reproduce

v. to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

synonym: duplicate, breed, imitate

(1) **reproduce** the painting, (2) **reproduce** by myself
By dividing and creating copies of themselves, bacteria **reproduce**.

susceptible

adj. easily influenced, harmed, or affected by something

synonym: exposed, liable, gullible

(1) a **susceptible** young woman, (2) **susceptible** of proof
Well-stretched muscles are less **susceptible** to injury.

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.

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.

encounter

v. to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

synonym: meet, run into, come across

(1) **encounter** a crisis, (2) **encounter** a storm

I'm prepared to **encounter** challenges throughout this

adventure.

respiratory

adj. relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air

synonym : breathing, pulmonary, lung

(1) **respiratory** failure, (2) alleviate **respiratory** ailments

Chronic **respiratory** disorders, such as asthma, can significantly impact a person's quality of life.

tract

n. a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body

synonym : region, area, tube

(1) a urinary **tract** infection, (2) a **tract** of virgin forest

The farmer owns a large **tract** of land where he grows corn and soybeans.

mount

v. to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

synonym : climb, increase, get on

(1) **mount** a hill, (2) **mount** a counterattack

They **mounted** pictures on the paper in preparation for the birthday card.

immune

adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

synonym : resistant, unsusceptible, unaffected

(1) **immune** from criminal prosecution, (2) the cell of the **immune** system

The vaccination does not necessarily make you completely **immune**.

accomplish

v. to finish or achieve something successfully

synonym: achieve, complete, execute

(1) **accomplish** a goal, (2) **accomplish** military operations

Humankind took centuries to **accomplish** true democracy.

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.

specific

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

synonym: particular, definite, distinct

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

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

interaction

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

synonym: dealings, exchange, relations

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

(2) **interaction** among human beings

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

protein

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

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

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

adapt

v. to make fit for or change to suit a new purpose or environment

synonym: adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed

I advised him to **adapt** to his new surroundings.

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.

receptor

n. an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

(1) cellular **receptor**, (2) **receptor** for HIV in humans
Hay fever occurs when a substance called histamine binds to **receptors** in the nose and eyes.

employ

v. to give somebody a job and pay them for it; to make use of

synonym: hire, engage, use

(1) **employ** job seekers, (2) **employ** a new method
When making arrests, police officers frequently **employ** excessive force.

addition

n. the act or process of adding something to something else; the process of adding numbers

synonym: accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors
In **addition**, private corporations provide healthcare services.

adaptation

n. the action or process of changing to suit different conditions

synonym: adaption, adjustment, transformation

(1) **adaptation** ability, (2) language **adaptation**
The company's **adaptation** approach has been highly effective.

hijack

v. to seize control of an airplane or other vehicle during an operation, especially with violence

synonym : commandeer, seize, pirate

(1) **hijack** a helicopter, (2) **hijack** a phone number

He made a desperate effort to **hijack** an airliner.

reproductive

adj. connected with the process of reproduction; relating to reproducing babies, young animals, or plants

synonym : procreative, generative

(1) **reproductive** ability, (2) during **reproductive** period

This documentary deals with the **reproductive** biology of the buffalo.

machinery

n. a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something

synonym : apparatus, appliance, equipment

(1) heavy **machinery**, (2) inactive **machinery**

The **machinery** of audit formally issued a business improvement order.

genetic

adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

synonym : hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

suppress

v. to bring something under control by force or authority; to put an end by force

synonym : subdue, bury, stifle

(1) **suppress** a yawn, (2) **suppress** a revolt

The doctor prescribed medication to **suppress** the patient's appetite.

evade

v. to escape from or avoid meeting someone or something

synonym : dodge, avoid, bypass

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

The jailbroken criminal is continuously attempting to **evade** the cops.

sufficient

adj. adequate; enough for a particular purpose or requirement

synonym: acceptable, ample, satisfactory

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

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

victim

n. a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event

synonym: prey, target, sufferer

(1) **victim** support, (2) **victim** compensation

The **victim** of the crime deserves justice and support to recover from the trauma.

fluid

n. a substance that can flow and is not solid

synonym: liquid, aqua, sap

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

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

sneeze

v. to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants

synonym: exhale, whiff, blow

(1) **sneeze** into my hand, (2) **sneeze** loudly

Whenever I get a cold, I tend to **sneeze** a lot.

constantly

adv. all the time

synonym: continuously, always, frequently

(1) a **constantly** innovative enterprise, (2) a **constantly** varying mind

The mobile application industry is **constantly** changing.

attempt

n. an act or effort of trying to do something, especially something difficult

synonym: endeavor, effort, try

(1) the **attempt** to rescue the hostages, (2) a reckless **attempt**

The third **attempt** was far more successful.

dissimilar

adj. not alike or having little in common

synonym: unlike, different, distinct

(1) **dissimilar** cultures, (2) **dissimilar** backgrounds

The two paintings were **dissimilar** in style and subject matter.

lettuce

n. a leafy vegetable that is often used as a base for salads or sandwiches; it has green leaves and a mild flavor

synonym: greens, salad, cress

(1) crisp **lettuce**, (2) wilted **lettuce**

I want a sandwich with extra **lettuce**, please.

inhospitable

adj. harsh and difficult to stay in or grow; unfriendly and unwelcoming towards people who visit you

synonym: sterile, unfriendly, unwelcoming

(1) **inhospitable** environment, (2) in an **inhospitable** manner

He trekked across some of the most **inhospitable** mountains in the world.

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.

staggering

adj. so shocking as to stun or overwhelm

synonym: astounding, astonishing, stunning

(1) **staggering** number, (2) a **staggering** defeat
The amount of money required was **staggering**.

circulate

v. to move continuously or freely around a place or closed system

synonym : flow, disperse, rotate

(1) **circulate** a rumor, (2) **circulate** an agenda before the meeting

The fan **circulates** the air in the room quickly.

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**.

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.

random

adj. made, done, or happening without method, conscious decision, or any regular pattern

synonym : incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**

To find drunk drivers, police conduct **random** tests.

mutation

n. the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

synonym : metamorphosis, transformation, alteration

(1) **mutation** of DNA, (2) hereditary **mutation**
Radiation often promotes genetic **mutations** in plants and animals.

detrimental

adj. causing harm or damage
synonym: harmful, damaging, injurious

(1) **detrimental** eating habits, (2) **detrimental** to good health

The new policy had a **detrimental** impact on small businesses.

proportion

n. a part, share, or amount of something considered in comparative relation to a whole
synonym: ratio, balance, consonance

(1) direct **proportion**, (2) a building of vast **proportions**

He is more concerned about the **proportion** of his body fat than usual because of an upcoming bodybuilding competition.

odds

n. the degree or probability that a particular thing will or will not happen

synonym: chances, likelihoods, probabilities

(1) **odds** in favor, (2) **odds** of business

What are the **odds** that he will survive?

destructive

adj. causing or able to cause tremendous and irreparable damage

synonym: destroying, harmful, disastrous

(1) lead to **destructive** behavior, (2) a habit **destructive** to health

It was the most **destructive** storm in decades.

lottery

n. a game of chance in which a large number of people buy tickets or chances to win a prize, with the winner(s) determined by a random drawing

synonym: raffle, sweepstakes, drawing

(1) national **lottery**, (2) scratch-off **lottery**

The odds of winning the **lottery** are extremely low, but millions still buy tickets hoping to hit the jackpot.

relate

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

synonym: connect, link, associate

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

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

mammal

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

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

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

chimpanzee

n. a small, very intelligent ape found in west and central Africa with black or brown fur

synonym: ape, chimp, pan troglodytes

(1) **chimpanzee** behavior, (2) **chimpanzee** society

Many zoos have **chimpanzee** exhibits, allowing visitors to observe these intelligent primates up close.

relative

adj. considered and evaluated through comparison with something else

synonym: comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

equip

v. to provide a person or a place with the things that are needed for a particular purpose or activity

synonym: prepare, furnish, provide

(1) **equip** an army, (2) **equip** our children with some special skills

The construction company **equipped** the building with an earthquake-resistant device.

transmit

v. to send or forward an electronic signal; to pass something from one person or thing to another

synonym: convey, share, dispatch

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

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

contagious

adj. able to be passed on to others through contact or proximity, especially by infection or disease

synonym: infectious, transmissible, communicable

(1) **contagious** enthusiasm, (2) **contagious** virus

The disease is highly **contagious** and spreads quickly.

saliva

n. the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion

synonym: spit, drool, slobber

(1) dog's **saliva**, (2) dry mouth with little **saliva**

The dentist asked him to spit out the excess **saliva** into the sink.

gestation

n. the state of being pregnant; the period during which an embryo or fetus develops, usually about 280 days in humans

synonym: pregnancy, carrying, incubation

(1) extrauterine **gestation**, (2) **gestation** time

The **gestation** period for elephants is 22 months.

full-blown

adj. fully developed or manifesting in its complete form, often used to describe a difficult situation or condition

synonym: complete, total, absolute

(1) **full-blown** crisis, (2) **full-blown** epidemic

The hurricane hit the coast at **full-blown** force, causing widespread destruction.

virology

n. the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms

synonym: viral science, virus study, virus research

(1) diagnostic **virology**, (2) degree programs in **virology**
Advances in **virology** have led to the discovery of new viral diseases and their treatments.

predict

v. to state beforehand that something will happen in the future, mainly based on knowledge or experience

synonym: forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive
It's notoriously challenging to **predict** birth rates.

diversity

n. the quality or fact of many different types of things or people being included in something; a range of different things or people

synonym: variety, multiplicity, variousness

(1) the **diversity** policy of the university, (2) lingual **diversity**
He was impressed by the range and **diversity** of the collection.

uncover

v. to remove the cover from something; to discover something previously unseen or hidden

synonym: disclose, reveal, unveil

(1) **uncover** a potential problem, (2) **uncover** the truth
He continued his investigation and soon **uncovered** another crime.

tirelessly

adv. without getting tired or fatigued; persistently, energetically, and continuously working with great effort

synonym: inexhaustibly, indefatigably, unceasingly

(1) dedicated **tirelessly**, (2) **tirelessly** help out
She worked **tirelessly** for hours to finish her project on time.

biology

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

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

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

monitor

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

synonym: proctor, check, observe

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

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

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.

outbreak

n. a sudden start of something, usually a disease or something dangerous or unpleasant

synonym: eruption, outburst, explosion

(1) infectious disease **outbreaks**, (2) the **outbreak** of hostilities

The government predicts an epidemic **outbreak** of multiple viruses, including coronaviruses and influenza.

vaccine

n. a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)

synonym: vaccinum

(1) development of **vaccines**, (2) an oral **vaccine**

The mRNA **vaccine** was approved in less than a year because it did not contain the fragments of the target virus.

protocol

n. a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement

synonym : procedure, system, method

(1) draft a **protocol**, (2) **protocol** breach

The company has a strict **protocol** for handling sensitive information to ensure security.

disease

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

synonym : illness, ailment, affliction

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

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

Session 2: Spelling

1. mo__t a counterattack
v. to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
2. lingual di_____ty
n. the quality or fact of many different types of things or people being included in something; a range of different things or people
3. di_____e control
n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
4. or_____c soils
adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
5. eat or_____c food
adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
6. dedicated tir_____ly
adv. without getting tired or fatigued; persistently, energetically, and continuously working with great effort
7. in___t a computer with a virus
v. to affect a person, an animal, or a plant with a disease-causing organism
8. res_____ry failure
adj. relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air

ANSWERS: 1. mount, 2. diversity, 3. disease, 4. organic, 5. organic, 6. tirelessly, 7. infect, 8. respiratory

9. pa____te disease *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
10. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
11. 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
12. chi_____ee behavior *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
13. 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
14. id____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
15. int_____on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
16. dis_____ar backgrounds *adj.* not alike or having little in common
17. sn___e loudly *v.* to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants
18. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 9. parasite, 10. biology, 11. transmission, 12. chimpanzee, 13. landscape, 14. identify, 15. interaction, 16. dissimilar, 17. sneeze, 18. environment

19. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
20. im_____e from criminal prosecution *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
21. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
22. o__s of business *n.* the degree or probability that a particular thing will or will not happen
23. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
24. a habit des_____ve to health *adj.* causing or able to cause tremendous and irreparable damage
25. fight vi__l infections *adj.* relating to or caused by a virus
26. arrive and de___t on time *v.* to go away or leave, especially to start a journey
27. ev__e an issue *v.* to escape from or avoid meeting someone or something
28. a worldwide ep_____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
29. in_____za B strain *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
30. the at_____t to rescue the hostages *n.* an act or effort of trying to do something, especially something difficult

ANSWERS: 19. diagnose, 20. immune, 21. adapt, 22. odds, 23. adapt, 24. destructive, 25. viral, 26. depart, 27. evade, 28. epidemic, 29. influenza, 30. attempt

31. inh_____ble environment *adj.* harsh and difficult to stay in or grow; unfriendly and unwelcoming towards people who visit you
32. en_____er a crisis *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
33. in an inh_____ble manner *adj.* harsh and difficult to stay in or grow; unfriendly and unwelcoming towards people who visit you
34. a con_____ly varying mind *adv.* all the time
35. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
36. in_____e his passion *v.* to cause very strong feelings such as anger or excitement in a person or a group of people
37. crisp le_____e *n.* a leafy vegetable that is often used as a base for salads or sandwiches; it has green leaves and a mild flavor
38. at a fe_____sh pitch *adj.* having or showing symptoms of a high temperature, such as sweating and shivering; characterized by or showing strong feelings of excitement or energy
39. industry-sp_____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
40. re_____ce the painting *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

ANSWERS: 31. inhospitable, 32. encounter, 33. inhospitable, 34. constantly, 35. biology, 36. inflame, 37. lettuce, 38. feverish, 39. specific, 40. reproduce

41. 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
42. sw__e flu *n.* a domestic pig, especially one bred for its meat
43. inactive ma_____ry *n.* a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
44. ful_____wn epidemic *adj.* fully developed or manifesting in its complete form, often used to describe a difficult situation or condition
45. fl__d assets *n.* a substance that can flow and is not solid
46. at___d service *v.* to be present at an event, to go to a place
47. development of va_____es *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
48. a b__n for cows *n.* a large farm building used for storage of crops or housing livestock
49. in___t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
50. dog's sa___a *n.* the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion

ANSWERS: 41. bind, 42. swine, 43. machinery, 44. full-blown, 45. fluid, 46. attend, 47. vaccine, 48. barn, 49. infect, 50. saliva

51. em___y job seekers *v.* to give somebody a job and pay them for it; to make use of
52. wilted le_____e *n.* a leafy vegetable that is often used as a base for salads or sandwiches; it has green leaves and a mild flavor
53. m__e acquaintance *adj.* used to emphasize how insignificant or minor someone or something is
54. a reckless at_____t *n.* an act or effort of trying to do something, especially something difficult
55. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
56. a bacterial in_____on *n.* a condition in which pathogenic microorganisms or viruses have entered the body
57. in_____e skin *v.* to cause very strong feelings such as anger or excitement in a person or a group of people
58. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
59. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
60. feel fe_____sh *adj.* having or showing symptoms of a high temperature, such as sweating and shivering; characterized by or showing strong feelings of excitement or energy
61. b__n building *n.* a large farm building used for storage of crops or housing livestock

ANSWERS: 51. employ, 52. lettuce, 53. mere, 54. attempt, 55. evolve, 56. infection, 57. inflame, 58. environment, 59. survive, 60. feverish, 61. barn

62. alleviate res_____ry ailments *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
63. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
64. hi___k a helicopter *v.* to seize control of an airplane or other vehicle during an operation, especially with violence
65. a strain of vi___s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
66. pr_____ol breach *n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement
67. an oral va_____e *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
68. stress pr_____n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
69. an epidemic outbreak of in_____za *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

ANSWERS: 62. respiratory, 63. addition, 64. hijack, 65. virus, 66. protocol, 67. vaccine, 68. protein, 69. influenza

70. acc_____sh a goal
v. to finish or achieve something successfully
71. self-suf_____nt economy
adj. adequate; enough for a particular purpose or requirement
72. diagnostic vi_____gy
n. the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms
73. a ra____m choice
adj. made, done, or happening without method, conscious decision, or any regular pattern
74. tir_____ly help out
adv. without getting tired or fatigued; persistently, energetically, and continuously working with great effort
75. mu_____on of DNA
n. the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
76. pr_____t the future
v. to state beforehand that something will happen in the future, mainly based on knowledge or experience
77. rep_____ive ability
adj. connected with the process of reproduction; relating to reproducing babies, young animals, or plants
78. 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
79. suf_____nt time
adj. adequate; enough for a particular purpose or requirement

ANSWERS: 70. accomplish, 71. sufficient, 72. virology, 73. random, 74. tirelessly, 75. mutation, 76. predict, 77. reproductive, 78. landscape, 79. sufficient

80. de____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
81. o__s in favor *n.* the degree or probability that a particular thing will or will not happen
82. direct pro_____on *n.* a part, share, or amount of something considered in comparative relation to a whole
83. have ge____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
84. a p_t bird *n.* an animal that you have at home as a companion and treated kindly
85. di_____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
86. a primitive ma___l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
87. dig with the sn__t *n.* the nose and mouth of an animal, especially when protruding or prominently featured
88. a private ind_____al *n.* a single person or thing, as distinct from a group
89. spread of the vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants

ANSWERS: 80. develop, 81. odds, 82. proportion, 83. genetic, 84. pet, 85. diagnose, 86. mammal, 87. snout, 88. individual, 89. virus

90. ful_____wn crisis *adj.* fully developed or manifesting in its complete form, often used to describe a difficult situation or condition
91. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
92. en_____er a storm *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
93. sus_____le of proof *adj.* easily influenced, harmed, or affected by something
94. ge_____on time *n.* the state of being pregnant; the period during which an embryo or fetus develops, usually about 280 days in humans
95. tr_____it information *v.* to send or forward an electronic signal; to pass something from one person or thing to another
96. cellular re_____or *n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
97. re_____e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
98. id_____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are

ANSWERS: 90. full-blown, 91. genetic, 92. encounter, 93. susceptible, 94. gestation, 95. transmit, 96. receptor, 97. relate, 98. identify

99. ind_____al freedom *n.* a single person or thing, as distinct from a group
100. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
101. un_____r the truth *v.* to remove the cover from something; to discover something previously unseen or hidden
102. vi____m compensation *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
103. degree programs in vi_____gy *n.* the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms
104. extrauterine ge_____on *n.* the state of being pregnant; the period during which an embryo or fetus develops, usually about 280 days in humans
105. plant pa_____en *n.* a bacterium, virus, or other microorganism that causes disease
106. during rep_____ive period *adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants
107. acc_____sh military operations *v.* to finish or achieve something successfully
108. h_g all the glory *n.* a domesticated pig or swine; a selfish or greedy person who keeps or takes more than their fair share of something; (verb) to take or use more than one's fair share of something, often to the detriment of others

ANSWERS: 99. individual, 100. disease, 101. uncover, 102. victim, 103. virology, 104. gestation, 105. pathogen, 106. reproductive, 107. accomplish, 108. hog

109. infectious disease ou_____aks *n.* a sudden start of something, usually a disease or something dangerous or unpleasant
110. det_____al eating habits *adj.* causing harm or damage
111. su_____e a plane crash *v.* to live or exist despite a dangerous event or period
112. sw__e industry *n.* a domestic pig, especially one bred for its meat
113. at___d a meeting *v.* to be present at an event, to go to a place
114. ada_____on ability *n.* the action or process of changing to suit different conditions
115. a tr__t of virgin forest *n.* a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body
116. the cell of the im___e system *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
117. a sort of ma___l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
118. re_____ve factors *adj.* considered and evaluated through comparison with something else
119. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers

ANSWERS: 109. outbreak, 110. detrimental, 111. survive, 112. swine, 113. attend, 114. adaptation, 115. tract, 116. immune, 117. mammal, 118. relative, 119. addition

120. national lo____y *n.* a game of chance in which a large number of people buy tickets or chances to win a prize, with the winner(s) determined by a random drawing
121. m__e incident *adj.* used to emphasize how insignificant or minor someone or something is
122. pr_____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
123. chi_____ee society *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
124. eq__p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
125. a sus_____le young woman *adj.* easily influenced, harmed, or affected by something
126. a urinary tr__t infection *n.* a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body
127. dis_____ar cultures *adj.* not alike or having little in common
128. tr_____it the disease *v.* to send or forward an electronic signal; to pass something from one person or thing to another
129. health ep_____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time

ANSWERS: 120. lottery, 121. mere, 122. protein, 123. chimpanzee, 124. equip, 125. susceptible, 126. tract, 127. dissimilar, 128. transmit, 129. epidemic

130. bombs fell at ra___m *adj.* made, done, or happening without method, conscious decision, or any regular pattern
131. the pa_____en in the air *n.* a bacterium, virus, or other microorganism that causes disease
132. de___t from the faith *v.* to go away or leave, especially to start a journey
133. mo__t a hill *v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
134. ci_____te a rumor *v.* to move continuously or freely around a place or closed system
135. un_____r a potential problem *v.* to remove the cover from something; to discover something previously unseen or hidden
136. sta_____ng number *adj.* so shocking as to stun or overwhelm
137. a sta_____ng defeat *adj.* so shocking as to stun or overwhelm
138. mo_____r an exam *v.* to observe, check, and track the progress or quality of something over a period of time
139. re___e a story *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
140. ci_____te an agenda before the meeting *v.* to move continuously or freely around a place or closed system

ANSWERS: 130. random, 131. pathogen, 132. depart, 133. mount, 134. circulate, 135. uncover, 136. staggering, 137. staggering, 138. monitor, 139. relate, 140. circulate

141. 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
142. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
143. blood-sucking pa_____te *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
144. su_____ss a revolt *v.* to bring something under control by force or authority; to put an end by force
145. re_____ce by myself *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
146. heavy ma_____ry *n.* a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
147. eq__p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
148. dry mouth with little sa___a *n.* the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion
149. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 141. transmission, 142. evolve, 143. parasite, 144. suppress, 145. reproduce, 146. machinery, 147. equip, 148. saliva, 149. specific

150. short sn__ts *n.* the nose and mouth of an animal, especially when protruding or prominently featured
151. su____ss a yawn *v.* to bring something under control by force or authority; to put an end by force
152. sn___e into my hand *v.* to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants
153. a building of vast pro____ons *n.* a part, share, or amount of something considered in comparative relation to a whole
154. the di____ty policy of the university *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
155. draft a pr____ol *n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement
156. detect a vi__l code *adj.* relating to or caused by a virus
157. mo____r the data carefully *v.* to observe, check, and track the progress or quality of something over a period of time
158. pr____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience

ANSWERS: 150. snout, 151. suppress, 152. sneeze, 153. proportion, 154. diversity, 155. protocol, 156. viral, 157. monitor, 158. predict

159. hi___k a phone number *v.* to seize control of an airplane or other vehicle during an operation, especially with violence
160. 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
161. 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
162. con_____us virus *adj.* able to be passed on to others through contact or proximity, especially by infection or disease
163. hereditary mu_____on *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
164. treat the in_____on with antibiotics *n.* a condition in which pathogenic microorganisms or viruses have entered the body
165. det_____al to good health *adj.* causing harm or damage
166. re_____or for HIV in humans *n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
167. a teacher's p_t *n.* an animal that you have at home as a companion and treated kindly

ANSWERS: 159. hijack, 160. bind, 161. develop, 162. contagious, 163. mutation, 164. infection, 165. detrimental, 166. receptor, 167. pet

168. the ou____ak of hostilities *n.* a sudden start of something, usually a disease or something dangerous or unpleasant
169. plenty of fl__ds *n.* a substance that can flow and is not solid
170. h_g farming *n.* a domesticated pig or swine; a selfish or greedy person who keeps or takes more than their fair share of something; (verb) to take or use more than one's fair share of something, often to the detriment of others
171. the int_____on between man and his environment *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
172. a remote re____ve *adj.* considered and evaluated through comparison with something else
173. a con_____ly innovative enterprise *adv.* all the time
174. con_____us enthusiasm *adj.* able to be passed on to others through contact or proximity, especially by infection or disease
175. vi___m support *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
176. language ada_____on *n.* the action or process of changing to suit different conditions
177. em___y a new method *v.* to give somebody a job and pay them for it; to make use of
178. scratch-off lo_____y *n.* a game of chance in which a large number of people buy tickets or chances to win a prize, with the winner(s) determined by a random drawing

ANSWERS: 168. outbreak, 169. fluid, 170. hog, 171. interaction, 172. relative, 173. constantly, 174. contagious, 175. victim, 176. adaptation, 177. employ, 178. lottery

179. lead to des_____ve behavior

adj. causing or able to cause tremendous and irreparable damage

180. ev__e capture

v. to escape from or avoid meeting someone or something

ANSWERS: 179. destructive, 180. evade

Session 3: Fill in the Blanks

1. 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
2. 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
3. Chronic _____ disorders, such as asthma, can significantly impact a person's quality of life.
adj. relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
4. That candidate does not have _____ means to win an election with certainty.
adj. adequate; enough for a particular purpose or requirement
5. Radiation often promotes genetic _____ in plants and animals.
n. the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
6. The fan _____ the air in the room quickly.
v. to move continuously or freely around a place or closed system
7. The kidney is an _____ component of the body.
adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

ANSWERS: 1. identify, 2. individual, 3. respiratory, 4. sufficient, 5. mutations, 6. circulates, 7. organic

8. Humankind took centuries to _____ true democracy.
v. to finish or achieve something successfully
9. They _____ pictures on the paper in preparation for the birthday card.
v. to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
10. He continued his investigation and soon _____ another crime.
v. to remove the cover from something; to discover something previously unseen or hidden
11. Eyeless fish _____ in dark caves.
v. to develop gradually, or to cause the development of something or someone gradually
12. The _____ of audit formally issued a business improvement order.
n. a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
13. The _____ period for elephants is 22 months.
n. the state of being pregnant; the period during which an embryo or fetus develops, usually about 280 days in humans
14. These birds can only _____ in temperate climates.
v. to live or exist despite a dangerous event or period
15. She had a _____ look in her eyes as she struggled with illness.
adj. having or showing symptoms of a high temperature, such as sweating and shivering; characterized by or showing strong feelings of excitement or energy

ANSWERS: 8. accomplish, 9. mounted, 10. uncovered, 11. evolved, 12. machinery, 13. gestation, 14. survive, 15. feverish

16. The _____ of the crime deserves justice and support to recover from the trauma.
- n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
17. The vaccination does not necessarily make you completely _____.
- adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
18. Hospitals must meet various standards to prevent nosocomial _____.
- n.* a condition in which pathogenic microorganisms or viruses have entered the body
19. The old _____ on the farm was used to store hay and other equipment.
- n.* a large farm building used for storage of crops or housing livestock
20. The body needs a certain amount of _____ to build and repair tissues.
- n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
21. What are the _____ that he will survive?
- n.* the degree or probability that a particular thing will or will not happen
22. Hay fever occurs when a substance called histamine binds to _____ in the nose and eyes.
- n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
23. Parents often _____ their characteristics to their children.
- v.* to send or forward an electronic signal; to pass something from one person or thing to another

ANSWERS: 16. victim, 17. immune, 18. infections, 19. barn, 20. protein, 21. odds, 22. receptors, 23. transmit

24. He is more concerned about the _____ of his body fat than usual because of an upcoming bodybuilding competition.
- n.* a part, share, or amount of something considered in comparative relation to a whole
25. By dividing and creating copies of themselves, bacteria _____.
- v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
26. The scientist conducted a study that provided _____ details about the species' behavior.
- adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
27. The hurricane hit the coast at _____ force, causing widespread destruction.
- adj.* fully developed or manifesting in its complete form, often used to describe a difficult situation or condition
28. In junior high school, we had to dissect a frog in _____ class.
- n.* the scientific study of life and the natural processes of living things
29. The construction company _____ the building with an earthquake-resistant device.
- v.* to provide a person or a place with the things that are needed for a particular purpose or activity
30. The government predicts an epidemic _____ of multiple viruses, including coronaviruses and influenza.
- n.* a sudden start of something, usually a disease or something dangerous or unpleasant

ANSWERS: 24. proportion, 25. reproduce, 26. specific, 27. full-blown, 28. biology, 29. equipped, 30. outbreak

31. 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

32. Tapeworms are _____ that live in the intestines of humans and animals.

n. an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

33. It was the most _____ storm in decades.

adj. causing or able to cause tremendous and irreparable damage

34. Most countries prohibit sexual activity between certain close _____.

adj. considered and evaluated through comparison with something else

35. The company's _____ approach has been highly effective.

n. the action or process of changing to suit different conditions

36. The dentist asked him to spit out the excess _____ into the sink.

n. the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion

37. 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

38. Well-stretched muscles are less _____ to injury.

adj. easily influenced, harmed, or affected by something

ANSWERS: 31. transmission, 32. parasites, 33. destructive, 34. relatives, 35. adaptation, 36. saliva, 37. develop, 38. susceptible

39. I advised him to _____ to his new surroundings.
v. to make fit for or change to suit a new purpose or environment
40. The new policy had a _____ impact on small businesses.
adj. causing harm or damage
41. mRNA vaccines are approved faster because they do not contain inactivated _____.
n. a bacterium, virus, or other microorganism that causes disease
42. Children often _____ parents with this head cold.
v. to affect a person, an animal, or a plant with a disease-causing organism
43. An infected person in the hospital will likely pass the _____ to others.
n. a tiny infectious organic material that causes disease in people, animals, and plants
44. The mobile application industry is _____ changing.
adv. all the time
45. 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
46. 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
47. He tried to _____ his experience to the group, but they couldn't understand.
v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

ANSWERS: 39. adapt, 40. detrimental, 41. pathogens, 42. infect, 43. virus, 44. constantly, 45. environment, 46. bind, 47. relate

48. When making arrests, police officers frequently _____ excessive force.
- v. to give somebody a job and pay them for it; to make use of
49. The farmer raised his _____ for meat and sold them at a local market.
- n. a domesticated pig or swine; a selfish or greedy person who keeps or takes more than their fair share of something; (verb) to take or use more than one's fair share of something, often to the detriment of others
50. It's notoriously challenging to _____ birth rates.
- v. to state beforehand that something will happen in the future, mainly based on knowledge or experience
51. 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
52. This device is used to _____ brain cancer and other tumors.
- v. to determine or distinguish the nature of a problem or an illness through a careful analysis
53. I'm prepared to _____ challenges throughout this adventure.
- v. to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
54. They used a special receiver to _____ police radio channels.
- v. to observe, check, and track the progress or quality of something over a period of time
55. The farmer raises _____ on his farm for the market.
- n. a domestic pig, especially one bred for its meat

ANSWERS: 48. employ, 49. hogs, 50. predict, 51. landscape, 52. diagnose, 53. encounter, 54. monitor, 55. swine

56. The disease is highly _____ and spreads quickly.

adj. able to be passed on to others through contact or proximity, especially by infection or disease

57. The amount of money required was _____.

adj. so shocking as to stun or overwhelm

58. We must _____ to this matter.

v. to be present at an event, to go to a place

59. This documentary deals with the _____ biology of the buffalo.

adj. connected with the process of reproduction; relating to reproducing babies, young animals, or plants

60. He lost the election by _____ votes.

adj. used to emphasize how insignificant or minor someone or something is

61. The doctor prescribed medication to _____ the patient's appetite.

v. to bring something under control by force or authority; to put an end by force

62. The farmer owns a large _____ of land where he grows corn and soybeans.

n. a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body

63. To find drunk drivers, police conduct _____ tests.

adj. made, done, or happening without method, conscious decision, or any regular pattern

64. The jailbroken criminal is continuously attempting to _____ the cops.

v. to escape from or avoid meeting someone or something

ANSWERS: 56. contagious, 57. staggering, 58. attend, 59. reproductive, 60. mere, 61. suppress, 62. tract, 63. random, 64. evade

65. He was impressed by the range and _____ of the collection.
n. the quality or fact of many different types of things or people being included in something; a range of different things or people
66. Understanding protein folding is a vital step in deciphering the _____ code.
adj. of or relating to genes (= parts of the DNA in cells) or the science of genes
67. Many zoos have _____ exhibits, allowing visitors to observe these intelligent primates up close.
n. a small, very intelligent ape found in west and central Africa with black or brown fur
68. Whenever I get a cold, I tend to _____ a lot.
v. to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants
69. He made a desperate effort to _____ an airliner.
v. to seize control of an airplane or other vehicle during an operation, especially with violence
70. She worked _____ for hours to finish her project on time.
adv. without getting tired or fatigued; persistently, energetically, and continuously working with great effort
71. Marine _____ populations are declining worldwide due to ocean pollution.
n. any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
72. Advances in _____ have led to the discovery of new viral diseases and their treatments.
n. the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms

ANSWERS: 65. diversity, 66. genetic, 67. chimpanzee, 68. sneeze, 69. hijack, 70. tirelessly, 71. mammal, 72. virology

73. I have a parrot as a _____.

n. an animal that you have at home as a companion and treated kindly

74. I want a sandwich with extra _____ please.

n. a leafy vegetable that is often used as a base for salads or sandwiches; it has green leaves and a mild flavor

75. The company has a strict _____ for handling sensitive information to ensure security.

n. a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement

76. The third _____ was far more successful.

n. an act or effort of trying to do something, especially something difficult

77. This device can more accurately detect _____ pathogens.

adj. relating to or caused by a virus

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

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

79. Her eyes _____ with crying.

v. to cause very strong feelings such as anger or excitement in a person or a group of people

80. The disease is now reaching _____ proportions in our country.

n. the widespread outbreak of a particular disease in a large number of people at the same time

ANSWERS: 73. pet, 74. lettuce, 75. protocol, 76. attempt, 77. viral, 78. interaction, 79. inflamed, 80. epidemic

81. The odds of winning the _____ are extremely low, but millions still buy tickets hoping to hit the jackpot.
- n.* a game of chance in which a large number of people buy tickets or chances to win a prize, with the winner(s) determined by a random drawing
82. The mRNA _____ was approved in less than a year because it did not contain the fragments of the target virus.
- n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
83. The doctor diagnosed him with a rare _____ that had no known cure.
- n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
84. The two paintings were _____ in style and subject matter.
- adj.* not alike or having little in common
85. The pig's _____ was wet and covered in mud.
- n.* the nose and mouth of an animal, especially when protruding or prominently featured
86. The research institute allocated a lot of money to study the cause and prevention of _____.
- n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
87. He trekked across some of the most _____ mountains in the world.
- adj.* harsh and difficult to stay in or grow; unfriendly and unwelcoming towards people who visit you

ANSWERS: 81. lottery, 82. vaccine, 83. disease, 84. dissimilar, 85. snout, 86. influenza, 87. inhospitable

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

n. a substance that can flow and is not solid

89. In _____ private corporations provide healthcare services.

n. the act or process of adding something to something else; the process of adding numbers

90. We _____ before the temperature fell below zero.

v. to go away or leave, especially to start a journey

ANSWERS: 88. fluid, 89. addition, 90. departed