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Alexander Belcredi: How a long-forgotten virus could help us solve the antibiotics crisis | TED Talk

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

All Words

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Session 1: Word List

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.

probable

adj. likely to happen or likely to be true

synonym : likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

unpleasant

adj. not enjoyable or comfortable

synonym : disagreeable, displeasing, distasteful

(1) **unpleasant** behavior, (2) with **unpleasant** body odor

It is **unpleasant** to see criminal behavior even though it is minor.

devastating

adj. causing a great deal of destruction or damage

synonym : destructive, annihilative, disastrous

(1) have **devastating** effects, (2) treat this **devastating** disease

This typhoon was the most **devastating** in years.

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.

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.

bacteriophage

n. (also "phage") a virus that infects and destroys bacteria

synonym: phage, bacterial virus, bacteriovore

(1) DNA-containing **bacteriophage**, (2) **bacteriophage** infection

Scientists are studying the use of **bacteriophages** to combat bacterial infections.

in-law

n. a relative by marriage, such as a mother-in-law, brother-in-law, or sister-in-law

synonym: relative by marriage, family connection, affinal

(1) future **in-law**, (2) meeting **in-laws**

My sister- **in-law** is a pediatrician who works in a children's hospital.

surgeon

n. a doctor who is trained to perform medical operations that involve cutting open a person's body

synonym: sawbones, doctor

(1) an excellent brain **surgeon**, (2) army **surgeon**

He is a skilled **surgeon** that has many years of training and experience.

injury

n. harm done to a person's or an animal's body caused by an accident or an attack

synonym: wound, damage, hurt

(1) without **injury**, (2) a fatal **injury**

My accidental **injury** got better right away.

surgery

n. medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

synonym: operation, (medical) procedure

(1) cardiac **surgery**, (2) the professor of **surgery**

He had undergone heart **surgery** years before.

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.

chronic

adj. being long-lasting and recurrent or characterized by long suffering; habitual

synonym: established, regular, constant

(1) risk of **chronic** disease, (2) **chronic** alcohol consumption

Chronic hyperglycemia is a trigger for a variety of serious diseases.

bacteria

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

synonym: microorganism, microbe

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

Bacteria prevalent in hospitals are often resistant to antibiotics.

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**.

unfortunately

adv. by bad luck; unluckily

synonym: regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were unsuccessful.

antibiotic

n. a substance or drug that kills or slows down the growth of bacteria

synonym: antimicrobial, chemotherapeutic, germicide

(1) **antibiotic** resistance, (2) **antibiotic** allergy

He has been prescribed an **antibiotic** to treat his infection.

typical

adj. having the usual characteristics or traits of a specific group of things

synonym: characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

amputate

v. to cut off a part of the body, especially by surgery
synonym: cut off, cut away

(1) **amputate** both legs, (2) **amputate** below the knee
Finally, they had to **amputate** his foot to free him from the wrecked car.

desperate

adj. feeling or showing a lack of hope and a willingness to do anything because of the problematic situation
synonym: anguish, frantic, hopeless

(1) her **desperate** screams, (2) **desperate** attempt
He was **desperate** when he lost all his money by gambling.

experimental

adj. relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
synonym: empirical, exploratory, observed

(1) **experimental** data, (2) **experimental** design
The product is still in the **experimental** stage.

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.

heal

v. to make a wound or injury to become well again
synonym: recover, bring around, mend

(1) **heal** a broken bone, (2) **heal** the hurt mind
It will take time for her mental scars to **heal**.

fascinate

v. to attract and hold the attention of someone deeply and irresistibly
synonym: captivate, intrigue, mesmerize

(1) **fascinate** the public, (2) **fascinate** the young

The magic tricks **fascinated** the children.

weird

adj. extraordinary, unexpected, or difficult to explain
synonym : bizarre, creepy, peculiar

(1) a **weird** dress, (2) the state of being **weird**
My computer has been acting **weird** recently.

conception

n. a general idea or belief of what something or someone is like or should be; an understanding of a situation or a principle

synonym : notion, abstraction, cogitation

(1) a grand **conception**, (2) the **conception** of the good
I have no **conception** of what you intend.

medical

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

synonym : health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment
The **medical** team worked quickly to save the patient's life.

quitter

n. a person who gives up easily or does not have the determination to finish what they have started

synonym : coward, deserter, surrender

(1) easy **quitter**, (2) serial **quitter**
He was labeled as a **quitter** after he abandoned the project halfway.

electron

n. a tiny particle with the negative electrical charge

synonym : negatron

(1) flow of **electrons**, (2) beam of **electrons**
The outermost **electron** shell determines the chemical properties of an atom.

microscope

n. an instrument used to see objects or substances that are too small to be seen with the naked eye

synonym : lens, magnifier, eyepiece

(1) **microscope** slide, (2) electron **microscope**

I used an optical **microscope** to observe the small organisms in the water sample.

grain

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

synonym: seed, piece, cereal

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

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

prototype

n. a first or preliminary example of something such as a device or vehicle from which other forms are developed

synonym: mock-up, precursor, model

(1) complete a **prototype** product, (2) early **prototype**

The flying car is presently in the **prototype** stage.

estimate

v. to guess or calculate the cost, size, value, etc. of something

synonym: calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh three pounds

We **estimated** the season's total trade deficit at \$50 billion.

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.

hotbed

n. a place or situation where something, such as a particular activity or problem, is developing or becoming more intense

synonym: breeding ground, center, focus

(1) a **hotbed** of vice, (2) a **hotbed** of the drug trade

The city was a **hotbed** of political activism.

hunt

v. to go after and try to catch wild animals to kill them for food, sport, or profit

synonym: chase, pursuit, quest

(1) **hunt** a job, (2) **hunt** after knowledge

Hounds **hunt** their prey by using their keen scent.

render

v. to bring someone or something into a particular state; to provide something such as service, help, etc.

synonym: deliver, give, provide

(1) **render** an assessment, (2) **render** the contract void

The jury must **render** a decision on this complex case.

staphylococcus

n. (also staph) a type of bacteria that can cause various types of infections in humans, including skin infections, pneumonia, and food poisoning

synonym: bacteria, microbe, germ

(1) **staphylococcus aureus**, (2) **staphylococcus** bacteria

The patient was diagnosed with a **staphylococcus** infection.

aureus

n. a type of bacteria, particularly the species *Staphylococcus aureus*, that can cause a range of infections in humans and animals, often resistant to antibiotics and can be difficult to treat; (adjective, "golden" or "of gold" in Latin) relating to something that is gold-colored or has properties similar to gold

synonym: (adjective) golden

(1) **aureus** color, (2) **aureus** infection

Staphylococcus aureus is a type of bacteria that can cause skin infections.

resistant

adj. not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

synonym: unsusceptible, immune, invulnerable

(1) penicillin- **resistant** bacteria, (2) **resistant** to persuasion

Insects in urban areas are becoming **resistant** to

insecticides.

sensitive

adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

synonym : exposed, susceptible, keen

(1) **sensitive** documents, (2) baby with **sensitive** skin

The teacher is very **sensitive** to children's feelings.

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.

lookout

n. a person or group of people who are responsible for watching for danger or other potential threats and warning others of their presence

synonym : watchman, sentinel, guard

(1) **lookout** team, (2) on the **lookout** for danger

The **lookout** tower provided a clear view of the surrounding area.

latch

n. a device for holding a door or gate closed, typically a sliding bar or bolt

synonym : lock, catch, bolt

(1) set the **latch**, (2) **latch** mechanism

The **latch** on the gate was broken, so the cows got loose.

inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym : shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

reprogram

v. to modify or recreate a program

synonym: recreate, modify, revamp

(1) **reprogram** a device, (2) **reprogram** a database

He **reprogrammed** the computer's operating system to remove the safeguard.

accumulate

v. to collect or acquire a large number of things over a long period of time

synonym: amass, stash, earn

(1) **accumulate** cash value, (2) **accumulate** evidence

He has **accumulated** his wealth through real estate investments.

release

v. to set free or allow to escape from confinement

synonym: free, let go, discharge

(1) **release** a prisoner, (2) **release** CO₂ into the air

The animal rights group worked to **release** the dolphins back into the wild.

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.

disrupt

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym: interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

scare

v. to frighten a person or animal, or to become frightened

synonym: frighten, spook, intimidate

(1) **scare** off her attacker by screaming, (2) **scare** the birds

away

We hit the ground to **scare** out the rabbits.

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.

clue

n. an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery

synonym : hint, indication, inkling

(1) a **clue** about the crime, (2) a **clue** to the diagnosis

The police couldn't find a **clue** to her whereabouts.

principle

n. a fundamental law or truth that explains or controls how something happens or works

synonym : rule, creed, code

(1) **principle** of treatment, (2) **principle** in business

Efficiency isn't an essential **principle** here; fairness is.

evolution

n. a gradual process of transformation of living things

synonym : elaboration, expansion, transition

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

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

tandem

n. a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other

synonym : bicycle built for two, double, tandem bike

(1) **tandem** approach, (2) **tandem** skydiving

The **tandem** bike ride was fun for the couple to enjoy together.

yin *n.* in Chinese philosophy, the feminine or passive principle characterized as darkness and the moon and associated with softness, wetness, and cold
synonym : feminine, negative, passive
(1) **yin** deficiency, (2) kidney **yin**
The concept of **yin** and yang is central to traditional Chinese philosophy.

yang *n.* in Chinese philosophy, the masculine or active principle characterized as light and the sun and associated with hardness, dryness, and heat
synonym : masculine, positive, active
(1) the **yang** principle, (2) embody **yang** energy
He saw the balance between the yin and **yang** as crucial for a harmonious life.

prey *n.* the object of a hunt; an animal hunted or trapped for eating
synonym : target, quarry, chase
(1) **prey** of beast, (2) become **prey** to terrorists
The majority of snakes swallow their **prey** whole.

microscopic *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
synonym : infinitesimal, tiny, atomic
(1) **microscopic** inquiry, (2) **microscopic** analysis
Inspectors noticed **microscopic** cracks in the submarine's hull.

abundant *adj.* present in great quantity
synonym : ample, plentiful, generative
(1) live an **abundant** life, (2) an **abundant** supply of water
The country has **abundant** oil and natural gas resources.

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.

conform

v. to act in accordance with a set of rules, standards, or expectations; to comply with the norms or customs of a particular group

synonym : comply, follow, adhere

(1) **conform** to standards, (2) **conform** in all its aspects

The school requires students to **conform** to a strict dress code.

regulatory

adj. having the power to control or restrict something such as business or industry according to rules or principles

synonym : regulative, managerial

(1) **regulatory** cells, (2) compliance with **regulatory** requirements

In the past, Japanese banks were protected by **regulatory** control.

norm

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

synonym : criterion, mean, standard

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

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

creditor

n. a person, company, etc. to whom a debtor owes money

(1) the **creditor's** claims, (2) bankrupt **creditor**

I asked the lawyer to initiate **creditor** negotiations for voluntary liquidation.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym : finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the

century

Her research team made an important **discovery**.

bacillus

n. a rod-shaped bacterium typically found in soil or water, some of which are responsible for causing disease in humans and animals

synonym: bacterium, microbe, germ

(1) **bacillus** infection, (2) aerobic **bacillus**

Scientists have discovered a new strain of the rod-shaped **bacillus** resistant to antibiotics.

dysentery

n. a disease of the bowels characterized by severe and bloody diarrhea (= frequent and watery bowel movements)

(1) amoebic **dysentery**, (2) **dysentery** epidemic

In some communities of the country, **dysentery** was the leading cause of death.

severe

adj. extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous

synonym: harsh, relentless, powerful

(1) **severe** heat, (2) a **severe** case of pneumonia

The senator received **severe** criticism from his opponent.

diarrhea

n. a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications

synonym: looseness, gastroenteritis, dysentery

(1) **diarrhea-related** dehydration, (2) **diarrhea** with abdominal pain

I had a terrible case of **diarrhea** and couldn't stop going to the bathroom.

invention

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

synonym: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**
Necessity is the mother of **invention**.

patient

n. a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

synonym : client, recipient, subject

(1) **patient** in the hospital, (2) **patient** with weight loss
The doctor carefully examined the **patient's** medical history.

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.

suppose

v. to think that something is likely to be actual or possible

synonym : guess, assume, presume

(1) **suppose** you're right, (2) **suppose** beforehand
What do you **suppose** the culprit's motive was?

ingenious

adj. showing inventiveness and ability or skill

synonym : creative, innovative, inventive

(1) **ingenious** device, (2) **ingenious** idea
I always look forward to reading his stories since they're so **ingenious**.

experiment

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

synonym : experimentation, investigation

(1) **experiment** design, (2) series of **experiments**
His **experiments** showed highly positive results.

filter

n. any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

synonym : strainer

(1) gas **filter**, (2) clogged **filter**

Ozone is a primary **filter** to protect Earth's surface from harmful UV rays.

cult

n. a small religious group, especially one that is not part of a larger religion and that is regarded as outside the norm; followers of an exclusive system of beliefs and practices

synonym : sect, faith, religion

(1) **cult** members, (2) **cult's** practices

The **cult** leader promised his followers that they would achieve enlightenment if they followed his teachings.

observe

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

synonym : watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

batch

n. a quantity or group of things that are made or produced together and are considered to be the same or similar; an amount produced during a specified period of time or process

synonym : group, lot, collection

(1) a **batch** of letters, (2) **batch** processing

I baked a **batch** of cookies for the office party.

sequence

n. a series of related events, actions, numbers, etc., which have a particular order

synonym : arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

conclude

v. to come to an end or close; to reach a judgment or opinion by reasoning

synonym: complete, finish, decide

(1) **conclude** a meeting, (2) **conclude** that he is healthy
We **concluded** a cease-fire.

obvious

adj. easy to see, discover or understand

synonym: apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**
There are **obvious** differences between the two wine-producing regions.

liquid

n. a substance, such as water or oil that flows freely and is neither a solid nor a gas

synonym: fluid

(1) colorless **liquid**, (2) hazardous **liquid**

The sponge takes up the **liquid** well.

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.

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.

invisible

adj. impossible or nearly impossible to see

synonym: hidden, imperceptible, unseen

(1) an **invisible** asset, (2) **invisible** stars

The phenomenon is **invisible** at optical wavelengths.

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.

translate

v. to convert or change words into another language

synonym: convert, transcribe, render

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

Translate the text from Italian into English.

fundamental

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

synonym: basic, essential, entire

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

Human behavior has **fundamental** characteristics.

modern

adj. of or belonging to the present time or recent times

synonym: contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society

Their headquarters are in a **modern** skyscraper.

microbiology

n. the study of microorganisms, including bacteria, viruses, fungi, and algae, and their role in various fields such as medicine, agriculture, and the environment

(1) a specialist in **microbiology**, (2) **microbiology** laboratory

The field of **microbiology** includes the study of bacteria, fungi, viruses, and other microorganisms.

technique

n. a particular way or art of doing something that needs skill

synonym: approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

genome

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

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

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

edit

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

synonym: revise, modify, adjust

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

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

chemistry

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

(1) professor of **chemistry**, (2) the **chemistry** of soil

He is familiar with **chemistry** and biology.

announce

v. to make something known or officially inform people about something

synonym: disclose, declare, broadcast

(1) **announce** candidacy, (2) **announce** the award winners

The third season of the anime show has been **announced**.

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**.

reliable

adj. worthy of being relied on; trustworthy

synonym: dependable, trustworthy, dedicated

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

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

preparation

n. the activity of getting ready for something or making something ready

synonym : practice, trial, rehearsal

(1) a **preparation** program, (2) the **preparation** of meals
He helped me with the **preparation** of this book.

chemical

adj. relating to or connected with chemistry;

synonym : chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound
The firm has grown into a large **chemical** manufacturing.

emerge

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

synonym : arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty
During colonial eras, new migratory patterns **emerged**.

medicinal

adj. of or relating to the treatment or cure of disease

synonym : curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**
The **medicinal** properties of this herb have been known to help with various ailments.

contribute

v. to give something, especially money or goods, to provide or achieve something together with other people

synonym : donate, devote, commit

(1) **contribute** a large sum of money to the fund,
(2) **contribute** to society
Government workers cannot **contribute** to political campaigns.

penicillin

n. an antibiotic drug derived from mold and used to treat bacterial infections

synonym :

antibiotic, bacitracin

(1) **penicillin** allergy, (2) **penicillin** sensitivity testing

The doctor prescribed **penicillin** to treat the bacterial infection.

inhibit

v. to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal

synonym: deter, hinder, impede

(1) **inhibit** desires, (2) **inhibit** tumor growth

Excessive parental interference may **inhibit** children's eagerness to learn.

broad

adj. very wide; general

synonym: wide, expansive, comprehensive

(1) attract **broad** attention, (2) a **broad** mind

He accumulated wealth across a **broad** spectrum of assets.

spectrum

n. an ordered array of colors into which a light beam can be split

synonym: range, scale, spread

(1) a broad **spectrum** of opinion, (2) infrared **spectrum**

This device displayed the speech **spectrum** spectrographically.

bunch

n. a grouping of several similar things which are growing or fastened together

synonym: group, assemblage, bundle

(1) a **bunch** of trees, (2) a **bunch** of schoolgirls

One bad apple spoils the whole **bunch**.

advantage

n. a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

synonym: benefit, edge, asset

(1) score an **advantage**, (2) take **advantage** of his weak

points

One of the main **advantages** of the new product is its increased efficiency.

suspect

v. to consider anything to be actual or probable

synonym: assume, distrust, surmise

(1) **suspect** a plot, (2) **suspect** that he is sick

The cops **suspected** him of being the killer.

recover

v. to return to a former condition, health, mind, or strength

synonym: come back, convalesce, heal

(1) **recover** a loss, (2) **recover** approval ratings

She is still **recovering** from a shot to her shoulder.

therapy

n. the act of caring for someone through medication, remedial training, etc.

synonym: antidote, medicine, treatment

(1) **therapy** for a patient, (2) field of gene **therapy**

I underwent aversion **therapy** for my addiction to alcohol.

tremendous

adj. very great in degree or extent or amount or impact; extremely good

synonym: enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity

We had a **tremendous** time yesterday.

complexity

n. the state or quality of being complicated or intricate and difficult to understand

synonym: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

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.

contract

n. a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law

synonym: agreement, deal, arrangement

(1) employment **contract**, (2) **contract** law

The company signed a **contract** with the supplier for the delivery of goods.

extent

n. the point or degree or area to which something extends

synonym: amount, degree, intensity

(1) certain **extent**, (2) the **extent** of the damage

I was amazed at the **extent** of her generosity.

superbug

n. a strain of bacteria that is resistant to multiple types of antibiotics, making it difficult or impossible to treat with traditional medications

synonym: super bacteria, antibiotic-resistant bacteria

(1) **superbug** outbreak, (2) **superbug** infection

The hospital is battling a **superbug** that is resistant to antibiotics.

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.

onslaught

n. a fierce or violent attack; a sudden and intense outburst of something, usually negative

synonym: attack, assault, charge

(1) **onslaught** of criticism, (2) urban **onslaught**

The village was unprepared for the sudden **onslaught** of the

enemy army.

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.

commit

v. to do something illegal or wrong

synonym: engage, carry out, execute

(1) **commit** suicide, (2) **commit** mistakes

The military has **committed** an abuse of human rights.

government

n. the group of people with authority to control a country or state

synonym: administration, regime, state

(1) **government** bureaucracy, (2) **government** funding

The federal **government** is planning to increase taxes for the next fiscal year.

comp

v. short for "compensate," meaning to give goods or services to someone without asking for payment

synonym: waive, cover, provide

(1) **comp** their meal, (2) **comp** the employees with a bonus

The casino **comped** her room and meals for being a high-rolling gambler.

cancer

n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

synonym: tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

stick

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

material

synonym : pierce, adhere, stay

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

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

impressive

adj. arousing admiration due to size, quality, or skill

synonym : impactful, remarkable, exceptional

(1) **impressive** performances, (2) an **impressive** array of facts

The budget reduction was an **impressive** feat for our nation.

resistance

n. the act of defending oneself from an aggressor or refusing to accept something

synonym : opposition, antagonism, defiance

(1) **resistance** movement, (2) **resistance** to insulin

The bill to increase the consumption tax had passed despite much **resistance** from the public.

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.

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**.

associate

v. to mentally connect someone or something with someone or something else

synonym : tie in, link, consociate

(1) **associate** alcohol with gambling, (2) **associate** with people widely

The majority of consumers **associate** this brand with quality.

pharmaceutical

adj. relating to the production and selling of the medical drugs

synonym: drug, medication, prescription

(1) major **pharmaceutical** companies, (2) commercial **pharmaceutical** products

She gave money to help set up a **pharmaceutical** laboratory.

globe

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

synonym: Earth, world, sphere

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

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

clinical

adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

synonym: dispassionate, analytic, scientific

(1) **clinical** surgery, (2) participate in **clinical** trials

She received special **clinical** training at the hospital.

underway

adj. having started and currently in progress

synonym: afoot, ongoing, in motion

(1) just getting **underway**, (2) campaign now **underway**

This project has been **underway** for several years.

convinced

adj. completely certain about something; having a strong belief or conviction in a particular religion

synonym: confident, positive, indoctrinated

(1) **convinced** of the idea, (2) **convinced** criminal

The public is **convinced** that the prime minister has committed fraud.

verge

n. the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border

synonym : brink, edge, margin

(1) **verge** of bankruptcy, (2) on the **verge** of tears

He stood on the **verge** of a major discovery.

Renaissance

n. a new growth in activity or enthusiasm in anything, particularly art, literature, or music

synonym : rebirth, golden age

(1) artistic **renaissance**, (2) industrial **renaissance**

Folk music is now experiencing a **renaissance**.

depict

v. to illustrate someone or something in a photograph

synonym : illustrate, describe, express

(1) **depict** a scene, (2) **depict** a feeling of isolation

His son had accurately **depicted** the bloom.

superhero

n. a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public

(1) **superhero** movies, (2) **superhero** comics

Superman is a classic **superhero** known for his superhuman strength and flying ability.

Session 2: Spelling

1. self-suf_____nt economy *adj.* adequate; enough for a particular purpose or requirement
2. es_____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
3. su_____ug outbreak *n.* a strain of bacteria that is resistant to multiple types of antibiotics, making it difficult or impossible to treat with traditional medications
4. sta_____cus bacteria *n.* (also staph) a type of bacteria that can cause various types of infections in humans, including skin infections, pneumonia, and food poisoning
5. de_____t a scene *v.* to illustrate someone or something in a photograph
6. pr_____le cause of a fire *adj.* likely to happen or likely to be true
7. ta_____m skydiving *n.* a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other
8. embody y___g energy *n.* in Chinese philosophy, the masculine or active principle characterized as light and the sun and associated with hardness, dryness, and heat
9. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand

ANSWERS: 1. sufficient, 2. estimate, 3. superbug, 4. staphylococcus, 5. depict, 6. probable, 7. tandem, 8. yang, 9. complexity

- | | |
|-------------------------------------|--|
| 10. participate in cl_____al trials | <i>adj.</i> of or relating to the examination and treatment of patients rather than theoretical or laboratory studies |
| 11. de___t a feeling of isolation | <i>v.</i> to illustrate someone or something in a photograph |
| 12. in_____t desires | <i>v.</i> to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal |
| 13. without in___y | <i>n.</i> harm done to a person's or an animal's body caused by an accident or an attack |
| 14. evolutionary bi_____y | <i>n.</i> the scientific study of life and the natural processes of living things |
| 15. a c___e to the diagnosis | <i>n.</i> an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery |
| 16. h__t after knowledge | <i>v.</i> to go after and try to catch wild animals to kill them for food, sport, or profit |
| 17. professor of ch_____ry | <i>n.</i> the branch of the natural sciences dealing with the composition of substances and their properties and reactions |
| 18. fun_____al rights | <i>adj.</i> forming an essential base or core from which everything else develops or is affected |
| 19. co___t suicide | <i>v.</i> to do something illegal or wrong |
| 20. industrial ren_____ce | <i>n.</i> a new growth in activity or enthusiasm in anything, particularly art, literature, or music |

ANSWERS: 10. clinical, 11. depict, 12. inhibit, 13. injury, 14. biology, 15. clue, 16. hunt, 17. chemistry, 18. fundamental, 19. commit, 20. Renaissance

21. common in _____ on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
22. su _____ ro comics *n.* a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public
23. an in _____ le asset *adj.* impossible or nearly impossible to see
24. a gr ____ n of sand *n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
25. 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
26. exp _____ tal data *adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
27. bac _____ age infection *n.* (also "phage") a virus that infects and destroys bacteria
28. in ____ t a personal opinion into a debate *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
29. sc ____ e the birds away *v.* to frighten a person or animal, or to become frightened
30. major pha _____ cal companies *adj.* relating to the production and selling of the medical drugs
31. re _____ r approval ratings *v.* to return to a former condition, health, mind, or strength

ANSWERS: 21. invention, 22. superhero, 23. invisible, 24. grain, 25. disease, 26. experimental, 27. bacteriophage, 28. inject, 29. scare, 30. pharmaceutical, 31. recover

32. bankrupt cr____or *n.* a person, company, etc. to whom a debtor owes money
33. re____r a loss *v.* to return to a former condition, health, mind, or strength
34. a fatal in____y *n.* harm done to a person's or an animal's body caused by an accident or an attack
35. ve__e of bankruptcy *n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border
36. the great di____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
37. tr____te the emotion to a movement *v.* to convert or change words into another language
38. mic____ogy laboratory *n.* the study of microorganisms, including bacteria, viruses, fungi, and algae, and their role in various fields such as medicine, agriculture, and the environment
39. a c__e about the crime *n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery
40. opp____on campaign *n.* the act of disagreeing or resisting; the state of strong disagreement

ANSWERS: 32. creditor, 33. recover, 34. injury, 35. verge, 36. discovery, 37. translate, 38. microbiology, 39. clue, 40. opposition

41. a se___e case of pneumonia *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
42. pr___le outcome *adj.* likely to happen or likely to be true
43. the te_____ue applied to construction *n.* a particular way or art of doing something that needs skill
44. ant_____ic resistance *n.* a substance or drug that kills or slows down the growth of bacteria
45. acc_____te evidence *v.* to collect or acquire a large number of things over a long period of time
46. a ba__h of letters *n.* a quantity or group of things that are made or produced together and are considered to be the same or similar; an amount produced during a specified period of time or process
47. cultural n__m *n.* something that is regarded as usual, typical, or standard
48. co___t mistakes *v.* to do something illegal or wrong
49. guarantee re_____le delivery *adj.* worthy of being relied on; trustworthy
50. lo_____t team *n.* a person or group of people who are responsible for watching for danger or other potential threats and warning others of their presence
51. in___t under the skin *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

ANSWERS: 41. severe, 42. probable, 43. technique, 44. antibiotic, 45. accumulate, 46. batch, 47. norm, 48. commit, 49. reliable, 50. lookout, 51. inject

52. re_____le access *adj.* worthy of being relied on; trustworthy
53. fa_____te the public *v.* to attract and hold the attention of someone deeply and irresistibly
54. easy qu_____r *n.* a person who gives up easily or does not have the determination to finish what they have started
55. early pr_____pe *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
56. an imp_____ve array of facts *adj.* arousing admiration due to size, quality, or skill
57. flour made from gr__n *n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
58. commercial pha_____cal products *adj.* relating to the production and selling of the medical drugs
59. tre_____us amount *adj.* very great in degree or extent or amount or impact; extremely good
60. su_____t a plot *v.* to consider anything to be actual or probable
61. artistic ren_____ce *n.* a new growth in activity or enthusiasm in anything, particularly art, literature, or music
62. mic_____ic analysis *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
63. the pre_____on of meals *n.* the activity of getting ready for something or making something ready
64. complete a pr_____pe product *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed

ANSWERS: 52. reliable, 53. fascinate, 54. quitter, 55. prototype, 56. impressive, 57. grain, 58. pharmaceutical, 59. tremendous, 60. suspect, 61. Renaissance, 62. microscopic, 63. preparation, 64. prototype

65. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
66. a pre_____on program *n.* the activity of getting ready for something or making something ready
67. an_____ce candidacy *v.* to make something known or officially inform people about something
68. la__h mechanism *n.* a device for holding a door or gate closed, typically a sliding bar or bolt
69. as_____te alcohol with gambling *v.* to mentally connect someone or something with someone or something else
70. pr_____le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
71. baby with se_____ve skin *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
72. in_____le stars *adj.* impossible or nearly impossible to see
73. mic_____pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
74. acc_____te cash value *v.* to collect or acquire a large number of things over a long period of time
75. set the la__h *n.* a device for holding a door or gate closed, typically a sliding bar or bolt
76. the ex__t of the damage *n.* the point or degree or area to which something extends

ANSWERS: 65. medical, 66. preparation, 67. announce, 68. latch, 69. associate, 70. principle, 71. sensitive, 72. invisible, 73. microscope, 74. accumulate, 75. latch, 76. extent

77. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
78. p__y of beast *n.* the object of a hunt; an animal hunted or trapped for eating
79. re_____am a device *v.* to modify or recreate a program
80. in___t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
81. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
82. traditional me_____al *adj.* of or relating to the treatment or cure of disease
83. ob_____s reasons *adj.* easy to see, discover or understand
84. future in___w *n.* a relative by marriage, such as a mother-in-law, brother-in-law, or sister-in-law
85. even more unf_____ely *adv.* by bad luck; unluckily
86. become p__y to terrorists *n.* the object of a hunt; an animal hunted or trapped for eating
87. cardiac su_____y *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
88. terrestrial gl__e *n.* the earth or world, mainly used to emphasize its vastness

ANSWERS: 77. adapt, 78. prey, 79. reprogram, 80. infect, 81. evolve, 82. medicinal, 83. obvious, 84. in-law, 85. unfortunately, 86. prey, 87. surgery, 88. globe

89. pen_____in allergy *n.* an antibiotic drug derived from mold and used to treat bacterial infections
90. gov_____nt funding *n.* the group of people with authority to control a country or state
91. am_____te below the knee *v.* to cut off a part of the body, especially by surgery
92. the state of being we__d *adj.* extraordinary, unexpected, or difficult to explain
93. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill
94. write him an answer imm_____ly *adv.* now or without delay
95. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
96. unp_____nt behavior *adj.* not enjoyable or comfortable
97. 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
98. take ad_____ge of his weak points *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
99. ob_____e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

ANSWERS: 89. penicillin, 90. government, 91. amputate, 92. weird, 93. technique, 94. immediately, 95. adapt, 96. unpleasant, 97. develop, 98. advantage, 99. observe

100. attract br__d attention *adj.* very wide; general
101. on the lo____t for danger *n.* a person or group of people who are responsible for watching for danger or other potential threats and warning others of their presence
102. c__p the employees with a bonus *v.* short for "compensate," meaning to give goods or services to someone without asking for payment
103. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
104. a grand con_____on *n.* a general idea or belief of what something or someone is like or should be; an understanding of a situation or a principle
105. sequencing of the human ge___e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
106. e__t a video *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
107. su_____ro movies *n.* a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public
108. human ev_____on *n.* a gradual process of transformation of living things
109. the y__g principle *n.* in Chinese philosophy, the masculine or active principle characterized as light and the sun and associated with hardness, dryness, and heat

ANSWERS: 100. broad, 101. lookout, 102. comp, 103. invention, 104. conception, 105. genome, 106. edit, 107. superhero, 108. evolution, 109. yang

110. id____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
111. c__t members *n.* a small religious group, especially one that is not part of a larger religion and that is regarded as outside the norm; followers of an exclusive system of beliefs and practices
112. 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
113. risk of ch____c disease *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
114. ge____e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
115. su____e a blizzard *v.* to live or exist despite a dangerous event or period
116. a br__d mind *adj.* very wide; general
117. di____ea-related dehydration *n.* a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications
118. ob____e wildlife *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

ANSWERS: 110. identify, 111. cult, 112. resort, 113. chronic, 114. genome, 115. survive, 116. broad, 117. diarrhea, 118. observe

119. se_____ve documents *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
120. 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
121. su_____t that he is sick *v.* to consider anything to be actual or probable
122. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
123. mi_____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
124. field of gene th_____y *n.* the act of caring for someone through medication, remedial training, etc.
125. co_____ct law *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
126. campaign now un_____ay *adj.* having started and currently in progress
127. the pa_____en in the air *n.* a bacterium, virus, or other microorganism that causes disease

ANSWERS: 119. sensitive, 120. develop, 121. suspect, 122. discovery, 123. microbe, 124. therapy, 125. contract, 126. underway, 127. pathogen

128. just getting un_____ay *adj.* having started and currently in progress
129. pen_____in sensitivity testing *n.* an antibiotic drug derived from mold and used to treat bacterial infections
130. re_____e a prisoner *v.* to set free or allow to escape from confinement
131. cl_____al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
132. a ho____d of vice *n.* a place or situation where something, such as a particular activity or problem, is developing or becoming more intense
133. co_____ed criminal *adj.* completely certain about something; having a strong belief or conviction in a particular religion
134. res_____ce to insulin *n.* the act of defending oneself from an aggressor or refusing to accept something
135. aerobic ba_____us *n.* a rod-shaped bacterium typically found in soil or water, some of which are responsible for causing disease in humans and animals
136. di_____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
137. spread of the vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
138. his conclusion was ob_____s *adj.* easy to see, discover or understand

ANSWERS: 128. underway, 129. penicillin, 130. release, 131. clinical, 132. hotbed, 133. convinced, 134. resistance, 135. bacillus, 136. disrupt, 137. virus, 138. obvious

139. in_____t tumor growth *v.* to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal
140. penicillin-re_____nt bacteria *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
141. hazardous li____d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
142. certain ex____t *n.* the point or degree or area to which something extends
143. co_____de a meeting *v.* to come to an end or close; to reach a judgment or opinion by reasoning
144. ba__h processing *n.* a quantity or group of things that are made or produced together and are considered to be the same or similar; an amount produced during a specified period of time or process
145. h__l the hurt mind *v.* to make a wound or injury to become well again
146. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
147. res_____ce movement *n.* the act of defending oneself from an aggressor or refusing to accept something
148. an excellent brain su_____n *n.* a doctor who is trained to perform medical operations that involve cutting open a person's body

ANSWERS: 139. inhibit, 140. resistant, 141. liquid, 142. extent, 143. conclude, 144. batch, 145. heal, 146. fundamental, 147. resistance, 148. surgeon

149. su____e a plane crash *v.* to live or exist despite a dangerous event or period
150. dy_____ry epidemic *n.* a disease of the bowels characterized by severe and bloody diarrhea (= frequent and watery bowel movements)
151. ca____r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
152. a bacterial in_____on *n.* a condition in which pathogenic microorganisms or viruses have entered the body
153. e__t a history book *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
154. suf_____nt time *adj.* adequate; enough for a particular purpose or requirement
155. 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
156. co_____m to standards *v.* to act in accordance with a set of rules, standards, or expectations; to comply with the norms or customs of a particular group
157. 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

ANSWERS: 149. survive, 150. dysentery, 151. cancer, 152. infection, 153. edit, 154. sufficient, 155. intervention, 156. conform, 157. disease

158. have dev_____ng effects *adj.* causing a great deal of destruction or damage
159. imm_____ly recall a product *adv.* now or without delay
160. 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
161. 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
162. re___r the contract void *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
163. the cr_____or's claims *n.* a person, company, etc. to whom a debtor owes money
164. y_n deficiency *n.* in Chinese philosophy, the feminine or passive principle characterized as darkness and the moon and associated with softness, wetness, and cold
165. a strain of vi___s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
166. beam of el_____ons *n.* a tiny particle with the negative electrical charge
167. co_____m in all its aspects *v.* to act in accordance with a set of rules, standards, or expectations; to comply with the norms or customs of a particular group

ANSWERS: 158. devastating, 159. immediately, 160. resort, 161. multiply, 162. render, 163. creditor, 164. yin, 165. virus, 166. electron, 167. conform

168. save the pl___t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
169. in_____us idea *adj.* showing inventiveness and ability or skill
170. n__m of action *n.* something that is regarded as usual, typical, or standard
171. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
172. ba_____us infection *n.* a rod-shaped bacterium typically found in soil or water, some of which are responsible for causing disease in humans and animals
173. ant_____ic allergy *n.* a substance or drug that kills or slows down the growth of bacteria
174. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
175. c__t's practices *n.* a small religious group, especially one that is not part of a larger religion and that is regarded as outside the norm; followers of an exclusive system of beliefs and practices
176. toxic ch_____als *adj.* relating to or connected with chemistry;
177. 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
178. treat this dev_____ng disease *adj.* causing a great deal of destruction or damage

ANSWERS: 168. planet, 169. ingenious, 170. norm, 171. biology, 172. bacillus, 173. antibiotic, 174. bunch, 175. cult, 176. chemical, 177. receptor, 178. devastating

179. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
180. co_____ed of the idea *adj.* completely certain about something; having a strong belief or conviction in a particular religion
181. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
182. infrared sp_____um *n.* an ordered array of colors into which a light beam can be split
183. pa_____t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
184. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
185. electron mic_____pe *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
186. re___r an assessment *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
187. pre-mo___n agricultural society *adj.* of or belonging to the present time or recent times
188. di_____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

ANSWERS: 179. complexity, 180. convinced, 181. bunch, 182. spectrum, 183. patient, 184. evolve, 185. microscope, 186. render, 187. modern, 188. disrupt

189. tre_____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
190. on the ve__e of tears *n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border
191. around the gl__e *n.* the earth or world, mainly used to emphasize its vastness
192. reg_____ry cells *adj.* having the power to control or restrict something such as business or industry according to rules or principles
193. re_____nt to persuasion *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
194. ca___r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
195. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
196. DNA-containing bac_____age *n.* (also "phage") a virus that infects and destroys bacteria
197. sc__e off her attacker by screaming *v.* to frighten a person or animal, or to become frightened
198. 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

ANSWERS: 189. tremendous, 190. verge, 191. globe, 192. regulatory, 193. resistant, 194. cancer, 195. medicinal, 196. bacteriophage, 197. scare, 198. receptor

199. th____y for a patient *n.* the act of caring for someone through medication, remedial training, etc.
200. au____s color *n.* a type of bacteria, particularly the species *Staphylococcus aureus*, that can cause a range of infections in humans and animals, often resistant to antibiotics and can be difficult to treat; (adjective, "golden" or "of gold" in Latin) relating to something that is gold-colored or has properties similar to gold
201. temporary me____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
202. meeting in____ws *n.* a relative by marriage, such as a mother-in-law, brother-in-law, or sister-in-law
203. h__l a broken bone *v.* to make a wound or injury to become well again
204. a ho____d of the drug trade *n.* a place or situation where something, such as a particular activity or problem, is developing or becoming more intense
205. her de____te screams *adj.* feeling or showing a lack of hope and a willingness to do anything because of the problematic situation
206. the DNA se____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
207. live an ab____nt life *adj.* present in great quantity

ANSWERS: 199. therapy, 200. aureus, 201. medical, 202. in-law, 203. heal, 204. hotbed, 205. desperate, 206. sequence, 207. abundant

208. a ch____al compound *adj.* relating to or connected with chemistry;
209. es____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
210. exp____tal design *adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
211. 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
212. the se____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
213. unf____ely caught in a shower *adv.* by bad luck; unluckily
214. re____am a database *v.* to modify or recreate a program
215. pathogenic ba____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
216. fa____te the young *v.* to attract and hold the attention of someone deeply and irresistibly
217. 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

ANSWERS: 208. chemical, 209. estimate, 210. experimental, 211. multiply, 212. sequence, 213. unfortunately, 214. reprogram, 215. bacteria, 216. fascinate, 217. protein

218. the professor of su____y
219. fairly ty____l symptoms
220. exp_____nt design
221. army su_____n
222. ch_____c alcohol consumption
223. pa_____t with weight loss
224. st__k a key in a lock
225. su_____e beforehand
226. the ch_____ry of soil
- n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
- adj.* having the usual characteristics or traits of a specific group of things
- n.* the scientific test conducted to observe what happens and gain new knowledge
- n.* a doctor who is trained to perform medical operations that involve cutting open a person's body
- adj.* being long-lasting and recurrent or characterized by long suffering; habitual
- n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
- v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
- v.* to think that something is likely to be actual or possible
- n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions

ANSWERS: 218. surgery, 219. typical, 220. experiment, 221. surgeon, 222. chronic, 223. patient, 224. stick, 225. suppose, 226. chemistry

227. re_____e CO2 into the air *v.* to set free or allow to escape from confinement
228. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
229. harmless ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
230. plant pa_____en *n.* a bacterium, virus, or other microorganism that causes disease
231. score an ad_____ge *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
232. urban on_____ht *n.* a fierce or violent attack; a sudden and intense outburst of something, usually negative
233. compliance with reg_____ry requirements *adj.* having the power to control or restrict something such as business or industry according to rules or principles
234. ev_____on theory *n.* a gradual process of transformation of living things
235. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
236. kidney y_n *n.* in Chinese philosophy, the feminine or passive principle characterized as darkness and the moon and associated with softness, wetness, and cold

ANSWERS: 227. release, 228. experiment, 229. bacteria, 230. pathogen, 231. advantage, 232. onslaught, 233. regulatory, 234. evolution, 235. government, 236. yin

237. treat the in_____on with antibiotics *n.* a condition in which pathogenic microorganisms or viruses have entered the body
238. imp_____ve performances *adj.* arousing admiration due to size, quality, or skill
239. an ab_____nt supply of water *adj.* present in great quantity
240. 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
241. c__p their meal *v.* short for "compensate," meaning to give goods or services to someone without asking for payment
242. the con_____on of the good *n.* a general idea or belief of what something or someone is like or should be; an understanding of a situation or a principle
243. co_____de that he is healthy *v.* to come to an end or close; to reach a judgment or opinion by reasoning
244. flow of el_____ons *n.* a tiny particle with the negative electrical charge
245. h__t a job *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
246. clogged fi_____r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
247. pr_____le in business *n.* a fundamental law or truth that explains or controls how something happens or works

ANSWERS: 237. infection, 238. impressive, 239. abundant, 240. protein, 241. comp, 242. conception, 243. conclude, 244. electron, 245. hunt, 246. filter, 247. principle

248. employment co____ct *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
249. se___e heat *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
250. 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
251. a specialist in mic______ogy *n.* the study of microorganisms, including bacteria, viruses, fungi, and algae, and their role in various fields such as medicine, agriculture, and the environment
252. in___t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
253. em___e from poverty *v.* to move out of or away from something and become visible
254. fire st__k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
255. colorless li___d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
256. with unp____nt body odor *adj.* not enjoyable or comfortable

ANSWERS: 248. contract, 249. severe, 250. planet, 251. microbiology, 252. infect, 253. emerge, 254. stick, 255. liquid, 256. unpleasant

257. id____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
258. di____ea with abdominal pain *n.* a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications
259. 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
260. su____e you're right *v.* to think that something is likely to be actual or possible
261. con____te a large sum of money to the fund *v.* to give something, especially money or goods, to provide or achieve something together with other people
262. on____ht of criticism *n.* a fierce or violent attack; a sudden and intense outburst of something, usually negative
263. am____te both legs *v.* to cut off a part of the body, especially by surgery
264. au____s infection *n.* a type of bacteria, particularly the species *Staphylococcus aureus*, that can cause a range of infections in humans and animals, often resistant to antibiotics and can be difficult to treat; (adjective, "golden" or "of gold" in Latin) relating to something that is gold-colored or has properties similar to gold
265. gas fi____r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

ANSWERS: 257. identify, 258. diarrhea, 259. intervention, 260. suppose, 261. contribute, 262. onslaught, 263. amputate, 264. aureus, 265. filter

266. as_____te with people widely *v.* to mentally connect someone or something with someone or something else
267. a we__d dress *adj.* extraordinary, unexpected, or difficult to explain
268. de_____te attempt *adj.* feeling or showing a lack of hope and a willingness to do anything because of the problematic situation
269. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
270. ta____m approach *n.* a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other
271. serial qu_____r *n.* a person who gives up easily or does not have the determination to finish what they have started
272. an_____ce the award winners *v.* to make something known or officially inform people about something
273. in_____us device *adj.* showing inventiveness and ability or skill
274. su_____ug infection *n.* a strain of bacteria that is resistant to multiple types of antibiotics, making it difficult or impossible to treat with traditional medications
275. con_____te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people

ANSWERS: 266. associate, 267. weird, 268. desperate, 269. typical, 270. tandem, 271. quitter, 272. announce, 273. ingenious, 274. superbug, 275. contribute

276. a broad sp_____um of opinion *n.* an ordered array of colors into which a light beam can be split
277. tr_____te a document into English *v.* to convert or change words into another language
278. meet with opp_____on *n.* the act of disagreeing or resisting; the state of strong disagreement
279. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
280. mo____n poetry *adj.* of or belonging to the present time or recent times
281. em____e as a butterfly *v.* to move out of or away from something and become visible
282. mic_____ic inquiry *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
283. sta_____cus aureus *n.* (also staph) a type of bacteria that can cause various types of infections in humans, including skin infections, pneumonia, and food poisoning
284. amoebic dy_____ry *n.* a disease of the bowels characterized by severe and bloody diarrhea (= frequent and watery bowel movements)

ANSWERS: 276. spectrum, 277. translate, 278. opposition, 279. microbe, 280. modern, 281. emerge, 282. microscopic, 283. staphylococcus, 284. dysentery

Session 3: Fill in the Blanks

1. The treatments were done but, _____ were unsuccessful.
adv. by bad luck; unluckily
2. The _____ bike ride was fun for the couple to enjoy together.
n. a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other
3. Breast _____ is the most common type of cancer in women.
n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
4. Insects in urban areas are becoming _____ to insecticides.
adj. not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
5. 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
6. The product is still in the _____ stage.
adj. relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
7. In some communities of the country, _____ was the leading cause of death.
n. a disease of the bowels characterized by severe and bloody diarrhea (= frequent and watery bowel movements)

ANSWERS: 1. unfortunately, 2. tandem, 3. cancer, 4. resistant, 5. disease, 6. experimental, 7. dysentery

8. During colonial eras, new migratory patterns _____.
- v.* to move out of or away from something and become visible
9. 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
10. 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
11. Folk music is now experiencing a _____.
- n.* a new growth in activity or enthusiasm in anything, particularly art, literature, or music
12. The outermost _____ shell determines the chemical properties of an atom.
- n.* a tiny particle with the negative electrical charge
13. This typhoon was the most _____ in years.
- adj.* causing a great deal of destruction or damage
14. They study the _____ of the universe.
- n.* a gradual process of transformation of living things
15. The majority of consumers _____ this brand with quality.
- v.* to mentally connect someone or something with someone or something else
16. The _____ leader promised his followers that they would achieve enlightenment if they followed his teachings.
- n.* a small religious group, especially one that is not part of a larger religion and that is regarded as outside the norm; followers of an exclusive system of beliefs and practices

ANSWERS: 8. emerged, 9. virus, 10. intervention, 11. renaissance, 12. electron, 13. devastating, 14. evolution, 15. associate, 16. cult

17. Let's try to _____ a bit of enthusiasm into your performance.
- v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
18. The majority of snakes swallow their _____ whole.
- n. the object of a hunt; an animal hunted or trapped for eating
19. He was labeled as a _____ after he abandoned the project halfway.
- n. a person who gives up easily or does not have the determination to finish what they have started
20. Hounds _____ their prey by using their keen scent.
- v. to go after and try to catch wild animals to kill them for food, sport, or profit
21. He has been prescribed an _____ to treat his infection.
- n. a substance or drug that kills or slows down the growth of bacteria
22. The hospital is battling a _____ that is resistant to antibiotics.
- n. a strain of bacteria that is resistant to multiple types of antibiotics, making it difficult or impossible to treat with traditional medications
23. 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
24. He has _____ his wealth through real estate investments.
- v. to collect or acquire a large number of things over a long period of time

ANSWERS: 17. inject, 18. prey, 19. quitter, 20. hunt, 21. antibiotic, 22. superbug, 23. develop, 24. accumulated

25. Jockey's superior _____ brought him victory.
n. a particular way or art of doing something that needs skill
26. The animal rights group worked to _____ the dolphins back into the wild.
v. to set free or allow to escape from confinement
27. My sister-_____ is a pediatrician who works in a children's hospital.
n. a relative by marriage, such as a mother-in-law, brother-in-law, or sister-in-law
28. The doctor carefully examined the _____ medical history.
n. a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
29. Finally, they had to _____ his foot to free him from the wrecked car.
v. to cut off a part of the body, especially by surgery
30. I used an optical _____ to observe the small organisms in the water sample.
n. an instrument used to see objects or substances that are too small to be seen with the naked eye
31. 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
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. technique, 26. release, 27. in-law, 28. patient's, 29. amputate, 30. microscope, 31. biology, 32. opposition

33. The federal _____ is planning to increase taxes for the next fiscal year.
n. the group of people with authority to control a country or state
34. She is still _____ from a shot to her shoulder.
v. to return to a former condition, health, mind, or strength
35. The systems we have developed has accepted as industry _____.
n. something that is regarded as usual, typical, or standard
36. The patient was diagnosed with a _____ infection.
n. (also staph) a type of bacteria that can cause various types of infections in humans, including skin infections, pneumonia, and food poisoning
37. The concept of ___ and yang is central to traditional Chinese philosophy.
n. in Chinese philosophy, the feminine or passive principle characterized as darkness and the moon and associated with softness, wetness, and cold
38. His final goal is to sail around the _____.
n. the earth or world, mainly used to emphasize its vastness
39. The country has _____ oil and natural gas resources.
adj. present in great quantity
40. It will take time for her mental scars to _____.
v. to make a wound or injury to become well again
41. We _____ the season's total trade deficit at \$50 billion.
v. to guess or calculate the cost, size, value, etc. of something

ANSWERS: 33. government, 34. recovering, 35. norms, 36. staphylococcus, 37. yin, 38. globe, 39. abundant, 40. heal, 41. estimated

42. The school requires students to _____ to a strict dress code.
- v.* to act in accordance with a set of rules, standards, or expectations; to comply with the norms or customs of a particular group
43. Efficiency isn't an essential _____ here; fairness is.
- n.* a fundamental law or truth that explains or controls how something happens or works
44. 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
45. The _____ properties of this herb have been known to help with various ailments.
- adj.* of or relating to the treatment or cure of disease
46. The _____ tower provided a clear view of the surrounding area.
- n.* a person or group of people who are responsible for watching for danger or other potential threats and warning others of their presence
47. Scientists are studying the use of _____ to combat bacterial infections.
- n.* (also "phage") a virus that infects and destroys bacteria
48. The company signed a _____ with the supplier for the delivery of goods.
- n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
49. Excessive parental interference may _____ children's eagerness to learn.
- v.* to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal

ANSWERS: 42. conform, 43. principle, 44. planet, 45. medicinal, 46. lookout, 47. bacteriophages, 48. contract, 49. inhibit

50. My computer has been acting _____ recently.

adj. extraordinary, unexpected, or difficult to explain

51. _____ prevalent in hospitals are often resistant to antibiotics.

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

52. The phenomenon is _____ at optical wavelengths.

adj. impossible or nearly impossible to see

53. _____ hyperglycemia is a trigger for a variety of serious diseases.

adj. being long-lasting and recurrent or characterized by long suffering; habitual

54. The city was a _____ of political activism.

n. a place or situation where something, such as a particular activity or problem, is developing or becoming more intense

55. The sponge takes up the _____ well.

n. a substance, such as water or oil that flows freely and is neither a solid nor a gas

56. Government workers cannot _____ to political campaigns.

v. to give something, especially money or goods, to provide or achieve something together with other people

57. The _____ on the gate was broken, so the cows got loose.

n. a device for holding a door or gate closed, typically a sliding bar or bolt

ANSWERS: 50. weird, 51. Bacteria, 52. invisible, 53. Chronic, 54. hotbed, 55. liquid, 56. contribute, 57. latch

58. The public is _____ that the prime minister has committed fraud.

adj. completely certain about something; having a strong belief or conviction in a particular religion

59. I baked a _____ of cookies for the office party.

n. a quantity or group of things that are made or produced together and are considered to be the same or similar; an amount produced during a specified period of time or process

60. The teacher is very _____ to children's feelings.

adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

61. There are _____ differences between the two wine-producing regions.

adj. easy to see, discover or understand

62. Staphylococcus _____ is a type of bacteria that can cause skin infections.

n. a type of bacteria, particularly the species *Staphylococcus aureus*, that can cause a range of infections in humans and animals, often resistant to antibiotics and can be difficult to treat; (adjective, "golden" or "of gold" in Latin) relating to something that is gold-colored or has properties similar to gold

63. One of the main _____ of the new product is its increased efficiency.

n. a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

64. He saw the balance between the yin and _____ as crucial for a harmonious life.

n. in Chinese philosophy, the masculine or active principle characterized as light and the sun and associated with hardness, dryness, and heat

ANSWERS: 58. convinced, 59. batch, 60. sensitive, 61. obvious, 62. aureus, 63. advantages, 64. yang

65. I had a terrible case of _____ and couldn't stop going to the bathroom.
- n.* a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications
66. We _____ a cease-fire.
- v.* to come to an end or close; to reach a judgment or opinion by reasoning
67. 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
68. Superman is a classic _____ known for his superhuman strength and flying ability.
- n.* a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public
69. He _____ the computer's operating system to remove the safeguard.
- v.* to modify or recreate a program
70. His son had accurately _____ the bloom.
- v.* to illustrate someone or something in a photograph
71. It is important to _____ safety procedures in the workplace to prevent accidents.
- v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
72. The flying car is presently in the _____ stage.
- n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed

ANSWERS: 65. diarrhea, 66. concluded, 67. protein, 68. superhero, 69. reprogrammed, 70. depicted, 71. observe, 72. prototype

73. He helped me with the _____ of this book.

n. the activity of getting ready for something or making something ready

74. mRNA vaccines are approved faster because they do not contain inactivated _____.

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

75. Necessity is the mother of _____.

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

76. Human behavior has _____ characteristics.

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

77. Her research team made an important _____.

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

78. Scientists have discovered a new strain of the rod-shaped _____ resistant to antibiotics.

n. a rod-shaped bacterium typically found in soil or water, some of which are responsible for causing disease in humans and animals

79. I'm so sorry to _____ you when you're pretty busy.

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

80. We hit the ground to _____ out the rabbits.

v. to frighten a person or animal, or to become frightened

ANSWERS: 73. preparation, 74. pathogens, 75. invention, 76. fundamental, 77. discovery, 78. bacillus, 79. disrupt, 80. scare

81. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
82. 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
83. Ordinary air purifiers cannot adequately remove pollen _____.
n. wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
84. What do you _____ the culprit's motive was?
v. to think that something is likely to be actual or possible
85. Trains are _____ inexpensive, and ideal for long-distance travel.
adj. worthy of being relied on; trustworthy
86. Ozone is a primary _____ to protect Earth's surface from harmful UV rays.
n. any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
87. I advised him to _____ to his new surroundings.
v. to make fit for or change to suit a new purpose or environment
88. The doctor prescribed _____ to treat the bacterial infection.
n. an antibiotic drug derived from mold and used to treat bacterial infections

ANSWERS: 81. experiments, 82. resort, 83. grains, 84. suppose, 85. reliable, 86. filter, 87. adapt, 88. penicillin

89. I always look forward to reading his stories since they're so _____.

adj. showing inventiveness and ability or skill

90. He is familiar with _____ and biology.

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

91. Hospitals must meet various standards to prevent nosocomial _____.

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

92. 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

93. The field of _____ includes the study of bacteria, fungi, viruses, and other microorganisms.

n. the study of microorganisms, including bacteria, viruses, fungi, and algae, and their role in various fields such as medicine, agriculture, and the environment

94. It seems _____ that he has forgotten our scheduled meeting.

adj. likely to happen or likely to be true

95. I underwent aversion _____ for my addiction to alcohol.

n. the act of caring for someone through medication, remedial training, etc.

96. You _____ a bill in the change machine, and the coins pop out.

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

ANSWERS: 89. ingenious, 90. chemistry, 91. infections, 92. receptors, 93. microbiology, 94. probable, 95. therapy, 96. stick

97. I need to _____ this document before submitting it to my boss.

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

98. A suspension order from the court is effective _____.

- adv.* now or without delay

99. The firm has grown into a large _____ manufacturing.

- adj.* relating to or connected with chemistry;

100. The third season of the anime show has been _____.

- v.* to make something known or officially inform people about something

101. He had undergone heart _____ years before.

- n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

102. I was amazed at the _____ of her generosity.

- n.* the point or degree or area to which something extends

103. The cops _____ him of being the killer.

- v.* to consider anything to be actual or probable

104. The village was unprepared for the sudden _____ of the enemy army.

- n.* a fierce or violent attack; a sudden and intense outburst of something, usually negative

105. He accumulated wealth across a _____ spectrum of assets.

- adj.* very wide; general

ANSWERS: 97. edit, 98. immediately, 99. chemical, 100. announced, 101. surgery, 102. extent, 103. suspected, 104. onslaught, 105. broad

106. I have no _____ of what you intend.

- n.* a general idea or belief of what something or someone is like or should be; an understanding of a situation or a principle

107. He stood on the _____ of a major discovery.

- n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border

108. The military has _____ an abuse of human rights.

- v.* to do something illegal or wrong

109. These birds can only _____ in temperate climates.

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

110. This device displayed the speech _____ spectrographically.

- n.* an ordered array of colors into which a light beam can be split

111. _____ 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

112. Their headquarters are in a _____ skyscraper.

- adj.* of or belonging to the present time or recent times

113. I asked the lawyer to initiate _____ negotiations for voluntary liquidation.

- n.* a person, company, etc. to whom a debtor owes money

114. The police couldn't find a _____ to her whereabouts.

- n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery

ANSWERS: 106. conception, 107. verge, 108. committed, 109. survive, 110. spectrum, 111. Multiply, 112. modern, 113. creditor, 114. clue

115. One bad apple spoils the whole _____.

n. a grouping of several similar things which are growing or fastened together

116. It is _____ to see criminal behavior even though it is minor.

adj. not enjoyable or comfortable

117. The magic tricks _____ the children.

v. to attract and hold the attention of someone deeply and irresistibly

118. We had a _____ time yesterday.

adj. very great in degree or extent or amount or impact; extremely good

119. This artwork is _____ of her work.

adj. having the usual characteristics or traits of a specific group of things

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

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

121. She gave money to help set up a _____ laboratory.

adj. relating to the production and selling of the medical drugs

122. That candidate does not have _____ means to win an election with certainty.

adj. adequate; enough for a particular purpose or requirement

123. _____ the text from Italian into English.

v. to convert or change words into another language

ANSWERS: 115. bunch, 116. unpleasant, 117. fascinated, 118. tremendous, 119. typical, 120. genome, 121. pharmaceutical, 122. sufficient, 123. Translate

124. He is a skilled _____ that has many years of training and experience.

n. a doctor who is trained to perform medical operations that involve cutting open a person's body

125. He was _____ when he lost all his money by gambling.

adj. feeling or showing a lack of hope and a willingness to do anything because of the problematic situation

126. We do move forward with those tasks in _____ next week.

n. a series of related events, actions, numbers, etc., which have a particular order

127. In the past, Japanese banks were protected by _____ control.

adj. having the power to control or restrict something such as business or industry according to rules or principles

128. 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

129. The jury must _____ a decision on this complex case.

v. to bring someone or something into a particular state; to provide something such as service, help, etc.

130. The bill to increase the consumption tax had passed despite much _____ from the public.

n. the act of defending oneself from an aggressor or refusing to accept something

131. The senator received _____ criticism from his opponent.

adj. extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous

ANSWERS: 124. surgeon, 125. desperate, 126. sequence, 127. regulatory, 128. identify, 129. render, 130. resistance, 131. severe

132. Eyeless fish _____ in dark caves.

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

133. She received special _____ training at the hospital.

adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

134. Inspectors noticed _____ cracks in the submarine's hull.

adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy

135. This project has been _____ for several years.

adj. having started and currently in progress

136. _____ 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

137. The project's _____ made it difficult for the team to complete it on time.

n. the state or quality of being complicated or intricate and difficult to understand

138. The _____ team worked quickly to save the patient's life.

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

139. Children often _____ parents with this head cold.

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

140. The budget reduction was an _____ feat for our nation.

adj. arousing admiration due to size, quality, or skill

ANSWERS: 132. evolved, 133. clinical, 134. microscopic, 135. underway, 136. Microbes, 137. complexity, 138. medical, 139. infect, 140. impressive

141. My accidental _____ got better right away.

- n.* harm done to a person's or an animal's body caused by an accident or an attack

142. The casino _____ her room and meals for being a high-rolling gambler.

- v.* short for "compensate," meaning to give goods or services to someone without asking for payment

ANSWERS: 141. injury, 142. comped