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Vocabulary Builder Reference from...

Joy Wolfram: How nanoparticles could change the way we treat cancer | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

invite

v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

synonym : ask, request, summon

(1) **invite** guests, (2) **invite** criticism

We want to **invite** you to our annual charity event.

struggle

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

synonym : toil, strive, compete

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

He could not **struggle** against temptation.

breast

n. either of the two round soft parts of a woman's chest which secrete milk after childbirth

synonym : bosom, chest, bust

(1) **breast** cancer, (2) the mountain's **breast**

He grilled the **breast** meat of a chicken.

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.

communal

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

synonym : collaborative, combined, collective

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

Communal elections were held in several European
countries.

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.

committed

adj. willing to put in a lot of effort, time, and energy into
something; firmly believing in something

synonym : devoted, faithful, attached

(1) in a **committed** relationship, (2) strong and **committed**
sales staff

Our company is strongly **committed** to meeting customers'
needs.

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.

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.

progression

n. the act or process of changing to the next stage or phase or moving forward

synonym: advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease
The company has made great strides in its **progression** toward sustainability.

regard

v. to think about or consider somebody or something in a specified way

synonym: consider, see, reckon

(1) **regard** him as an enemy, (2) **regard** the situation as unfortunate

Frugality and industry are still **regarded** as virtues.

survival

n. the state of continuing to exist or live, frequently in the face of difficulty or danger

synonym: endurance, continuity

(1) **survival** ability, (2) **survival** food

He evaluated his chances for **survival** rather pessimistically.

aggressive

adj. behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly

synonym: assertive, combative, threatening

(1) an **aggressive** war, (2) an **aggressive** tumor

An **aggressive** tide wrecked the ship.

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.

firefighter

n. a person whose job is to extinguish fires

(1) forest **firefighter**, (2) decided to be a **firefighter**

The **firefighter** broke into the house bravely to rescue the children.

transport

n. a system for moving people or products from one location to another using automobiles, roads, and so on

synonym: shipment, transit, conveyance

(1) **transport** facilities, (2) access to public **transport**

Enhanced rail **transportation** is crucial for our business.

emergency

n. a sudden unforeseen crisis usually involving danger that requires immediate action

synonym: crisis, trouble, difficulty

(1) **emergency** action, (2) acute **emergency**

The president declared a state of **emergency**.

equip

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

synonym: prepare, furnish, provide

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

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

tumor

n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

synonym: neoplasm, mass, lump

(1) **tumor** growth, (2) **tumor** at remote sites

The patient was diagnosed with a **tumor** in her lung.

locate

v. to specify or determine the exact position of someone or something

synonym: discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

- aim** *v.* to try or plan to get or achieve something
synonym : aspire, direct, target
(1) **aim** at a specific target, (2) **aim** to be a nurse
We **aim** for an overseas expansion.
- nanoparticle** *n.* a particle of matter that is between 1 and 100 nanometres (nm) in diameter
(1) aluminum **nanoparticle**, (2) atmospheric **nanoparticle**
For some creatures, carbon **nanoparticles** are deadly.
- function** *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
synonym : purpose, mapping, job
(1) **function** properly, (2) immune **function**
The brain is an incredibly complex organ that controls the body's **function**.
- nanoscale** *adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
(1) **nanoscale** device, (2) things at the **nanoscale**
This process improves the strength of the metal by controlling the **nanoscale** lattice structure of the metal.
- metal** *n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes
synonym : alloy, metalloid
(1) **metal** fabrication, (2) precious **metal**
The construction worker used a **metal** saw to cut through the stubborn sheet metal.

illustrate

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

synonym: demonstrate, explain, exemplify

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

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

strand

n. a very thin natural or synthetic thread, wire, hair, etc.;
(verb) to leave or drive a vessel, fish, etc., aground or ashore

synonym: fiber, filament, string

(1) a **strand** of fine hair, (2) double- **strand** DNA

I heard several melodic **strands** simultaneously.

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.

approximately

adv. close to a specific number or time but not exactly that number or time

synonym: about, around, roughly

(1) **approximately** 3 feet long, (2) **approximately** same

This trail takes **approximately** 2.5 hours.

diameter

n. the length of a straight line passing through the center of a circle and connecting two points on the circumference

synonym: diam, width

(1) **diameter** of an oval, (2) a particle **diameter**

Draw a circle five centimeters in **diameter**.

stack

n. a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated

synonym: accumulation, heap, pile

(1) high **stack**, (2) a large **stack** of paper

The earthquake caused a **stack** of lumber to crumble noisily.

laboratory

n. a workplace for doing scientific research or teaching science; a lab

synonym : lab, workshop, testing room

(1) **laboratory** accident, (2) anthropology **laboratory**

Animal protection groups call for an end to animal testing in a **laboratory**.

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.

clinic

n. a building or hospital department where people can go for medical care or advice, especially of a particular condition

synonym : hospital, infirmary

(1) visit to the veterinary **clinic**, (2) a dental **clinic**

She holds a **clinic** on Tuesday mornings.

donation

n. a voluntary gift of money, service, or ideas that are given to a person or an organization, or the act of giving them

synonym : contribution, gift, subsidy

(1) make a **donation**, (2) political **donation**

He made a generous **donation** to the charity.

grant

v. to agree to give or allow somebody

synonym : allocate, authorize, give

(1) **grant** a new license, (2) **grant** a land

The chairperson **granted** him the right to speak.

extensive

adj. covering a large area; having a wide range

synonym: ample, comprehensive, vast

(1) **extensive** experience, (2) have **extensive** vocabulary

The incident attracted **extensive** media coverage throughout the world.

toolbox

n. a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment

synonym: tool chest, tool kit, tool bag

(1) design **toolbox**, (2) **toolbox** storage

You should always keep a basic **toolbox** in your car in case of an emergency.

kidney

n. either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine

(1) an artificial **kidney**, (2) chronic **kidney** disease

The surgeon removed the healthy **kidney** from the donor.

sieve

n. a utensil with a mesh bottom or fine holes, used for separating larger objects from smaller ones or for straining liquids; (verb) to check and sort carefully

synonym: strainer, colander, tamis

(1) **sieve** tissue, (2) molecular **sieve**

The baker sifted the flour through a **sieve** to remove any lumps.

illustration

n. a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something

synonym: picture, diagram, explanation

(1) educational **illustration**, (2) **illustration** artist

The **illustration** in the book helped me understand the concept better.

circulate

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

synonym: flow, disperse, rotate

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

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

destroy

v. to ruin or damage severely or completely; to eradicate or eliminate completely

synonym: demolish, ruin, obliterate

(1) **destroy** the ecosystem, (2) **destroyed** evidence

The building was **destroyed** in the fire and had to be rebuilt.

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.

degrade

v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

synonym: demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

enzyme

n. a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction

synonym: catalyst, activator, accelerator

(1) **enzyme** reaction, (2) lack of digestive **enzymes**

A deficiency in the **enzyme** can lead to a medical condition.

extension

n. a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line

synonym: addition, augment, supplement

(1) time **extension**, (2) telephone **extension**

They are building an **extension** to the house to add more bedrooms.

grab

v. to take hold of something or someone suddenly with a hand, especially in a violent way

synonym: clutch, snatch, grasp

(1) **grab** an audience, (2) **grab** an opportunity

Shall we **grab** a bite to eat?

attach

v. to fasten, join, or connect one thing to another

synonym: fix, fasten, bind

(1) **attach** firmly, (2) **attach** a file to an e-mail

He does not **attach** importance to these rumors.

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.

approve

v. to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.

synonym: accept, authorize, agree

(1) **approve** a measures, (2) unanimously **approve** a resolution

My boss wouldn't **approve** of the plan.

liver

n. a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and

the synthesis of proteins

(1) **liver** disease, (2) fatty **liver**

The patient will undergo **liver** transplant surgery tomorrow.

filtration

n. the process of passing a substance (such as liquid or gas) through a medium to remove impurities or unwanted particles

synonym: purification, straining, sieving

(1) **filtration** cylinder, (2) water **filtration**

The pool water is kept clean through continuous **filtration**.

recognize

v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

synonym: acknowledge, identify, admit

(1) **recognize** talent, (2) **recognize** achievement

It's important to **recognize** your strengths and weaknesses.

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.

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.

immune

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

synonym : resistant, unsusceptible, unaffected

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

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

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.

strategy

n. a detailed plan of action designed to achieve a long-term or overall goal.

synonym : approach, procedure, scenario

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

Our plan includes a comprehensive marketing **strategy**.

improve

v. to make or become better

synonym : enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

temporarily

adv. for a limited time only or not permanently

synonym : for a time

(1) a hut made **temporarily**, (2) **temporarily** suspend the production

Some athletes take anabolic steroids to increase muscle size **temporarily**.

disarm

v. to remove weapons or the means of attack from a person, group, or situation; to win over or reduce suspicion or hostility from an opponent or adversary

synonym : demilitarize, neutralize

(1) **disarm** opponents, (2) **disarm** a bomb

The police were able to **disarm** the suspect without any violence.

indication

n. a sign or remark that something exists, is real, or is likely to occur

synonym: clue, hint, inkling

(1) **indication** of inflation, (2) environmental **indication**

Faces are a good **indication** of age.

unexpected

adj. not anticipated or regarded as likely to happen

synonym: surprising, unanticipated, incredible

(1) an **unexpected** visitor, (2) some **unexpected** events

The **unexpected** rainstorm caused the collapse of the corral.

preclinical

adj. of or relating to the early phases of a disease when an accurate diagnosis is not possible because symptoms of the disease have not yet appeared; of or relating to the first stage of a medical education

(1) **preclinical** diagnosis, (2) **preclinical** safety evaluation

The doctor suspected that the patient was in the **preclinical** stage of Alzheimer's disease.

malaria

n. a severe disease caused by a parasite that is spread by the bite of an infected mosquito

(1) **malaria** mosquitoes, (2) **malaria-endemic** area

Many people in tropical countries die from **malaria** every year.

intern

v. to put someone in prison, especially for political or military reasons; (noun) a student or trainee who works, sometimes for free, to get work experience or to fulfill qualification criteria

synonym: apprentice, trainee, student

(1) **intern** civilians, (2) medical **intern**

The navy **interned** ships of defeated nations.

label

n. a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category

synonym : tag, mark, identifier

(1) a mailing **label**, (2) **label** a bag with my name

The **label** on the food package lists the ingredients and nutritional information.

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.

saliva

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

synonym : spit, drool, slobber

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

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

urine

n. a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate

synonym : excrement, dung, pee

(1) **urine** composition, (2) blood in the **urine**

They collected a **urine** specimen for urinalysis.

pancreas

n. a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

synonym : gland, organ, islet

(1) **pancreas** inflammation, (2) **pancreas** function

The endocrine function of the **pancreas** involves the secretion of hormones such as insulin.

concept

n. an idea or principle associated with something abstract
synonym : idea, notion, vision

(1) learn new **concepts**, (2) **concept** car

One such rapidly growing **concept** is quantum cryptography.

exploit

v. to make full use of and gain an advantage from resources, opportunities, etc.

synonym : use, abuse, control

(1) **exploit** a security hole, (2) **exploit** a valuable opportunity

We **exploit** our mining resources to strengthen our national power.

delivery

n. the act of taking or sending something to a destination; the bringing of a baby during childbirth

synonym : sending, transporting, bringing

(1) an easy **delivery**, (2) special **delivery**

The **delivery** truck arrived with the packages.

isolate

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

synonym : separate, sequester, insulate

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

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

quantity

n. the amount or number of something; magnitude

synonym : abundance, portion, amount

(1) half **quantity**, (2) residual **quantity**

In southward, the average annual water **quantity** increases.

dam

n. a wall constructed over a river to block the flow of water, mainly used to generate energy

synonym : barricade, barrier, embankment

(1) **dam-building** program, (2) **dam** collapsing

The break in the **dam** threatened the valley.

lab *n.* a workplace for the conduct of scientific research; a laboratory
synonym: workshop, laboratory, research chamber
(1) **lab** instrument, (2) medical **lab**
The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

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.

efficient *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
synonym: productive, effective, competent
(1) **efficient** operation, (2) energy- **efficient** appliances
The new washing machine is much more **efficient** than the old one.

process *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
synonym: procedure, method, system
(1) **process** improvement, (2) decision-making **process**
The **process** for applying for a visa can be lengthy and complicated.

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.

concentration

n. the ability to focus all your time and energy on one thing without thinking about anything else.

synonym: attention, engagement, assiduity

(1) **concentration** of armaments, (2) his research area of **concentration**

This exam requires excellent **concentration** to pass.

cabinet

n. a piece of furniture with doors, shelves, and drawers used for storage or display; a small group of senior members of a government who act as official advisers for the President or Prime Minister

synonym: cupboard, ministry, authority

(1) member of the **cabinet**, (2) the **cabinet** above the sink
The prime minister decided to reshuffle his **cabinet** to regain support.

teamwork

n. the combined action of a group of people working together towards a common goal

synonym: collaboration, cooperation, coordination

(1) poor **teamwork**, (2) **teamwork** in business

Harmonious **teamwork** is essential to the success of this project.

physician

n. a medical doctor who practices medicine

synonym: doctor, practitioner, medic

(1) the advice of the **physician**, (2) consult with a **physician**
She visited the local **physician** to seek treatment for her persistent headache.

dedicate

v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular

purpose or use

synonym : consecrate, devote, commit

(1) **dedicate** a few hours, (2) **dedicate** a chapter to the subject

He **dedicated** his life to helping others.

inspiration

n. something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity

synonym : motivation, drive, encouragement

(1) source of **inspiration**, (2) get **inspiration** from nature

He found **inspiration** in the works of his favorite authors.

invitation

n. a spoken or written request to participate or be present or take part in something

synonym : request, asking, proposal

(1) a letter of **invitation**, (2) **invitation** of foreign investment

I will be very happy to accept your **invitation**.

Session 2: Spelling

- | | |
|--------------------------------------|--|
| 1. de_____p a skill | <i>v.</i> 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 |
| 2. di_____e prevention | <i>n.</i> a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems |
| 3. de_____e his public image | <i>v.</i> to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others |
| 4. visit to the veterinary cl_____c | <i>n.</i> a building or hospital department where people can go for medical care or advice, especially of a particular condition |
| 5. g__b an audience | <i>v.</i> to take hold of something or someone suddenly with a hand, especially in a violent way |
| 6. an easy de_____ry | <i>n.</i> the act of taking or sending something to a destination; the bringing of a baby during childbirth |
| 7. tem_____ly suspend the production | <i>adv.</i> for a limited time only or not permanently |

ANSWERS: 1. develop, 2. disease, 3. degrade, 4. clinic, 5. grab, 6. delivery, 7. temporarily

8. gov_____nt funding *n.* the group of people with authority to control a country or state
9. ill_____te a key point *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
10. d_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
11. consult with a ph_____an *n.* a medical doctor who practices medicine
12. environmental ind_____on *n.* a sign or remark that something exists, is real, or is likely to occur
13. medical in___n *v.* to put someone in prison, especially for political or military reasons; (noun) a student or trainee who works, sometimes for free, to get work experience or to fulfill qualification criteria
14. pre_____al safety evaluation *adj.* of or relating to the early phases of a disease when an accurate diagnosis is not possible because symptoms of the disease have not yet appeared; of or relating to the first stage of a medical education
15. ex_____ve experience *adj.* covering a large area; having a wide range
16. source of ins_____on *n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity

ANSWERS: 8. government, 9. illustrate, 10. dam, 11. physician, 12. indication, 13. intern, 14. preclinical, 15. extensive, 16. inspiration

17. de_____e environmental quality *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
18. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
19. de_____te a chapter to the subject *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
20. telephone ex_____on *n.* a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line
21. 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
22. a_m at a specific target *v.* to try or plan to get or achieve something
23. develop a st_____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
24. an une_____ed visitor *adj.* not anticipated or regarded as likely to happen
25. eq__p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity

ANSWERS: 17. degrade, 18. lab, 19. dedicate, 20. extension, 21. sensitive, 22. aim, 23. strategy, 24. unexpected, 25. equip

26. re___d him as an enemy *v.* to think about or consider somebody or something in a specified way
27. at___h a file to an e-mail *v.* to fasten, join, or connect one thing to another
28. 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
29. chronic ki___y disease *n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
30. in___e guests *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
31. time ex_____on *n.* a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line
32. a letter of inv_____on *n.* a spoken or written request to participate or be present or take part in something
33. in___e criticism *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
34. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state

ANSWERS: 26. regard, 27. attach, 28. cancer, 29. kidney, 30. invite, 31. extension, 32. invitation, 33. invite, 34. government

35. the ca____t above the sink *n.* a piece of furniture with doors, shelves, and drawers used for storage or display; a small group of senior members of a government who act as official advisers for the President or Prime Minister
36. de____te a few hours *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
37. ci____te an agenda before the meeting *v.* to move continuously or freely around a place or closed system
38. su____al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
39. military st____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
40. a dental cl____c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
41. an artificial ki____y *n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
42. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
43. spread of the vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants

ANSWERS: 35. cabinet, 36. dedicate, 37. circulate, 38. survival, 39. strategy, 40. clinic, 41. kidney, 42. biology, 43. virus

44. inv_____on of foreign investment *n.* a spoken or written request to participate or be present or take part in something
45. re_____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
46. design to_____x *n.* a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment
47. participate in cl_____al trials *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
48. la__l a bag with my name *n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
49. ind_____on of inflation *n.* a sign or remark that something exists, is real, or is likely to occur
50. dog's sa____a *n.* the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion
51. im_____e a process *v.* to make or become better
52. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

ANSWERS: 44. invitation, 45. recognize, 46. toolbox, 47. clinical, 48. label, 49. indication, 50. saliva, 51. improve, 52. recognize

53. residual qu____ty *n.* the amount or number of something; magnitude
54. mic_____pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
55. 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
56. gr__t a land *v.* to agree to give or allow somebody
57. blood in the ur__e *n.* a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate
58. a particle di_____er *n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
59. br___t cancer *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
60. ma_____a mosquitoes *n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito
61. app_____ely same *adv.* close to a specific number or time but not exactly that number or time
62. pa_____as function *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

ANSWERS: 53. quantity, 54. microscope, 55. stick, 56. grant, 57. urine, 58. diameter, 59. breast, 60. malaria, 61. approximately, 62. pancreas

63. political do_____on *n.* a voluntary gift of money, service, or ideas that are given to a person or an organization, or the act of giving them
64. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
65. aluminum nan_____cle *n.* a particle of matter that is between 1 and 100 nanometres (nm) in diameter
66. ill_____ion artist *n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
67. pa_____as inflammation *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine
68. ill_____te a story *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
69. the mountain's br____t *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
70. con_____ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.

ANSWERS: 63. donation, 64. process, 65. nanoparticle, 66. illustration, 67. pancreas, 68. illustrate, 69. breast, 70. concentration

71. ma_____a-endemic area *n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito
72. a hut made tem_____ly *adv.* for a limited time only or not permanently
73. an agg_____ve war *adj.* behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
74. fatty li__r *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
75. li__r disease *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
76. co_____t car *n.* an idea or principle associated with something abstract
77. im_____e the test score *v.* to make or become better
78. di_____er of an oval *n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
79. app_____ely 3 feet long *adv.* close to a specific number or time but not exactly that number or time
80. de_____yed evidence *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
81. a_m to be a nurse *v.* to try or plan to get or achieve something

ANSWERS: 71. malaria, 72. temporarily, 73. aggressive, 74. liver, 75. liver, 76. concept, 77. improve, 78. diameter, 79. approximately, 80. destroy, 81. aim

82. immune fu____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
83. gr__t a new license *v.* to agree to give or allow somebody
84. water fil_____on *n.* the process of passing a substance (such as liquid or gas) through a medium to remove impurities or unwanted particles
85. have ex_____ve vocabulary *adj.* covering a large area; having a wide range
86. de_____y the ecosystem *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
87. a mailing la__l *n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
88. forest fir_____er *n.* a person whose job is to extinguish fires
89. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
90. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
91. learn new co_____ts *n.* an idea or principle associated with something abstract

ANSWERS: 82. function, 83. grant, 84. filtration, 85. extensive, 86. destroy, 87. label, 88. firefighter, 89. progression, 90. biology, 91. concept

92. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
93. dry mouth with little sa____a *n.* the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion
94. high st__k *n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
95. get ins_____on from nature *n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
96. 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
97. some une_____ed events *adj.* not anticipated or regarded as likely to happen
98. in___n civilians *v.* to put someone in prison, especially for political or military reasons; (noun) a student or trainee who works, sometimes for free, to get work experience or to fulfill qualification criteria
99. colorless li____d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
100. traditional me_____al *adj.* of or relating to the treatment or cure of disease

ANSWERS: 92. medicinal, 93. saliva, 94. stack, 95. inspiration, 96. sensitive, 97. unexpected, 98. intern, 99. liquid, 100. medicinal

101. 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
102. ex____t a security hole *v.* to make full use of and gain an advantage from resources, opportunities, etc.
103. 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
104. eq__p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
105. di____m opponents *v.* to remove weapons or the means of attack from a person, group, or situation; to win over or reduce suspicion or hostility from an opponent or adversary
106. lo____e a missing pet *v.* to specify or determine the exact position of someone or something
107. atmospheric nan______cle *n.* a particle of matter that is between 1 and 100 nanometres (nm) in diameter
108. st____le to get the job *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

ANSWERS: 101. bacteria, 102. exploit, 103. bacteria, 104. equip, 105. disarm, 106. locate, 107. nanoparticle, 108. struggle

109. poor te____rk *n.* the combined action of a group of people working together towards a common goal
110. his research area of con_____ion *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
111. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
112. member of the ca_____t *n.* a piece of furniture with doors, shelves, and drawers used for storage or display; a small group of senior members of a government who act as official advisers for the President or Prime Minister
113. im____e from criminal prosecution *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
114. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
115. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
116. half qu_____ty *n.* the amount or number of something; magnitude
117. en____e reaction *n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
118. an agg_____ve tumor *adj.* behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly

ANSWERS: 109. teamwork, 110. concentration, 111. communal, 112. cabinet, 113. immune, 114. transport, 115. progression, 116. quantity, 117. enzyme, 118. aggressive

119. re___d the situation as unfortunate *v.* to think about or consider somebody or something in a specified way
120. educational ill_____ion *n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
121. pa_____t with weight loss *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
122. 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
123. double-st___d DNA *n.* a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore
124. d_m-building program *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
125. di___m a bomb *v.* to remove weapons or the means of attack from a person, group, or situation; to win over or reduce suspicion or hostility from an opponent or adversary
126. special de_____ry *n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth

ANSWERS: 119. regard, 120. illustration, 121. patient, 122. develop, 123. strand, 124. dam, 125. disarm, 126. delivery

136. fil_____on cylinder *n.* the process of passing a substance (such as liquid or gas) through a medium to remove impurities or unwanted particles
137. electron mic_____pe *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
138. lack of digestive en____es *n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
139. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
140. lab_____ry accident *n.* a workplace for doing scientific research or teaching science; a lab
141. decided to be a fir_____er *n.* a person whose job is to extinguish fires
142. acute em_____cy *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
143. su_____al ability *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
144. te_____rk in business *n.* the combined action of a group of people working together towards a common goal
145. em_____cy action *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
146. make a do_____on *n.* a voluntary gift of money, service, or ideas that are given to a person or an organization, or the act of giving them

ANSWERS: 136. filtration, 137. microscope, 138. enzyme, 139. transport, 140. laboratory, 141. firefighter, 142. emergency, 143. survival, 144. teamwork, 145. emergency, 146. donation

147. st__k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
148. 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
149. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
150. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
151. the advice of the ph_____an *n.* a medical doctor who practices medicine
152. ef_____nt operation *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
153. pre_____al diagnosis *adj.* of or relating to the early phases of a disease when an accurate diagnosis is not possible because symptoms of the disease have not yet appeared; of or relating to the first stage of a medical education
154. si__e tissue *n.* a utensil with a mesh bottom or fine holes, used for separating larger objects from smaller ones or for straining liquids; (verb) to check and sort carefully

ANSWERS: 147. stick, 148. cancer, 149. communal, 150. medical, 151. physician, 152. efficient, 153. preclinical, 154. sieve

155. things at the na_____le *adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
156. 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
157. to_____x storage *n.* a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment
158. a st____d of fine hair *n.* a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore
159. na_____le device *adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
160. hazardous li____d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
161. ex_____t a valuable opportunity *v.* to make full use of and gain an advantage from resources, opportunities, etc.
162. lo____e a tumor *v.* to specify or determine the exact position of someone or something
163. at____h firmly *v.* to fasten, join, or connect one thing to another
164. g__b an opportunity *v.* to take hold of something or someone suddenly with a hand, especially in a violent way

ANSWERS: 155. nanoscale, 156. disease, 157. toolbox, 158. strand, 159. nanoscale, 160. liquid, 161. exploit, 162. locate, 163. attach, 164. grab

165. ap_____e a measures *v.* to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.
166. a large st__k of paper *n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
167. anthropology lab_____ry *n.* a workplace for doing scientific research or teaching science; a lab
168. energy-ef_____nt appliances *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
169. ci_____te a rumor *v.* to move continuously or freely around a place or closed system
170. molecular si__e *n.* a utensil with a mesh bottom or fine holes, used for separating larger objects from smaller ones or for straining liquids; (verb) to check and sort carefully
171. in a co_____ed relationship *adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something
172. precious me__l *n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes

ANSWERS: 165. approve, 166. stack, 167. laboratory, 168. efficient, 169. circulate, 170. sieve, 171. committed, 172. metal

173. me__l fabrication *n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes
174. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
175. is_____e a compound *v.* to physically or socially separate someone or something from other people or things
176. unanimously ap_____e a resolution *v.* to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.
177. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
178. the cell of the im___e system *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

ANSWERS: 173. metal, 174. function, 175. isolate, 176. approve, 177. process, 178. immune

179. cl____al surgery

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

180. l_b instrument

n. a workplace for the conduct of scientific research; a laboratory

ANSWERS: 179. clinical, 180. lab

Session 3: Fill in the Blanks

1. An _____ tide wrecked the ship.
adj. behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
2. For some creatures, carbon _____ are deadly.
n. a particle of matter that is between 1 and 100 nanometres (nm) in diameter
3. The navy _____ ships of defeated nations.
v. to put someone in prison, especially for political or military reasons; (noun) a student or trainee who works, sometimes for free, to get work experience or to fulfill qualification criteria
4. The fan _____ the air in the room quickly.
v. to move continuously or freely around a place or closed system
5. The police were able to _____ the suspect without any violence.
v. to remove weapons or the means of attack from a person, group, or situation; to win over or reduce suspicion or hostility from an opponent or adversary
6. 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
7. The robot can accurately _____ construction material.
v. to specify or determine the exact position of someone or something
8. You should always keep a basic _____ in your car in case of an emergency.
n. a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment

ANSWERS: 1. aggressive, 2. nanoparticles, 3. interned, 4. circulates, 5. disarm, 6. disease, 7. locate, 8. toolbox

9. _____ elections were held in several European countries.
adj. belonging to or used by a group rather than individuals; for common use
10. My boss wouldn't _____ of the plan.
v. to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.
11. In southward, the average annual water _____ increases.
n. the amount or number of something; magnitude
12. You should not _____ yourself by allowing them to use you.
v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
13. She received special _____ training at the hospital.
adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
14. The construction worker used a _____ saw to cut through the stubborn sheet metal.
n. a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes
15. They are building an _____ to the house to add more bedrooms.
n. a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line

ANSWERS: 9. Communal, 10. approve, 11. quantity, 12. degrade, 13. clinical, 14. metal, 15. extension

16. 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
17. He found _____ in the works of his favorite authors.
- n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
18. The _____ rainstorm caused the collapse of the corral.
- adj.* not anticipated or regarded as likely to happen
19. Our company is strongly _____ to meeting customers' needs.
- adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something
20. The company's financial records _____ how successful it has been.
- v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
21. I heard several melodic _____ simultaneously.
- n.* a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore
22. The prime minister decided to reshuffle his _____ to regain support.
- n.* a piece of furniture with doors, shelves, and drawers used for storage or display; a small group of senior members of a government who act as official advisers for the President or Prime Minister

ANSWERS: 16. develop, 17. inspiration, 18. unexpected, 19. committed, 20. illustrate, 21. strands, 22. cabinet

23. The patient was diagnosed with a _____ in her lung.
- n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
24. Frugality and industry are still _____ as virtues.
- v.* to think about or consider somebody or something in a specified way
25. He could not _____ against temptation.
- v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
26. This process improves the strength of the metal by controlling the _____ lattice structure of the metal.
- adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
27. The building was _____ in the fire and had to be rebuilt.
- v.* to ruin or damage severely or completely; to eradicate or eliminate completely
28. This exam requires excellent _____ to pass.
- n.* the ability to focus all your time and energy on one thing without thinking about anything else.
29. We want to _____ you to our annual charity event.
- v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
30. A deficiency in the _____ can lead to a medical condition.
- n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction

ANSWERS: 23. tumor, 24. regarded, 25. struggle, 26. nanoscale, 27. destroyed, 28. concentration, 29. invite, 30. enzyme

31. We want to _____ ties between our two countries.

v. to make or become better

32. The _____ truck arrived with the packages.

n. the act of taking or sending something to a destination; the bringing of a baby during childbirth

33. The _____ broke into the house bravely to rescue the children.

n. a person whose job is to extinguish fires

34. He made a generous _____ to the charity.

n. a voluntary gift of money, service, or ideas that are given to a person or an organization, or the act of giving them

35. He does not _____ importance to these rumors.

v. to fasten, join, or connect one thing to another

36. The break in the ____ threatened the valley.

n. a wall constructed over a river to block the flow of water, mainly used to generate energy

37. The earthquake caused a _____ of lumber to crumble noisily.

n. a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated

38. The baker sifted the flour through a _____ to remove any lumps.

n. a utensil with a mesh bottom or fine holes, used for separating larger objects from smaller ones or for straining liquids; (verb) to check and sort carefully

ANSWERS: 31. improve, 32. delivery, 33. firefighter, 34. donation, 35. attach, 36. dam, 37. stack, 38. sieve

39. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease
40. He _____ his life to helping others.
v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
41. 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
42. Our plan includes a comprehensive marketing _____.
n. a detailed plan of action designed to achieve a long-term or overall goal.
43. The chairperson _____ him the right to speak.
v. to agree to give or allow somebody
44. The endocrine function of the _____ involves the secretion of hormones such as insulin.
n. a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine
45. 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
46. The pool water is kept clean through continuous _____.
n. the process of passing a substance (such as liquid or gas) through a medium to remove impurities or unwanted particles

ANSWERS: 39. medicinal, 40. dedicated, 41. virus, 42. strategy, 43. granted, 44. pancreas, 45. cancer, 46. filtration

47. She visited the local _____ to seek treatment for her persistent headache.
n. a medical doctor who practices medicine
48. We _____ our mining resources to strengthen our national power.
v. to make full use of and gain an advantage from resources, opportunities, etc.
49. The construction company _____ the building with an earthquake-resistant device.
v. to provide a person or a place with the things that are needed for a particular purpose or activity
50. The surgeon removed the healthy _____ from the donor.
n. either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
51. The company has made great strides in its _____ toward sustainability.
n. the act or process of changing to the next stage or phase or moving forward
52. Shall we _____ a bite to eat?
v. to take hold of something or someone suddenly with a hand, especially in a violent way
53. The incident attracted _____ media coverage throughout the world.
adj. covering a large area; having a wide range
54. The vaccination does not necessarily make you completely _____.
adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

ANSWERS: 47. physician, 48. exploit, 49. equipped, 50. kidney, 51. progression, 52. grab, 53. extensive, 54. immune

55. The brain is an incredibly complex organ that controls the body's _____.
- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
56. Draw a circle five centimeters in _____.
- n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
57. 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
58. The president declared a state of _____.
- n.* a sudden unforeseen crisis usually involving danger that requires immediate action
59. You should not _____ them from the community.
- v.* to physically or socially separate someone or something from other people or things
60. 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
61. She holds a _____ on Tuesday mornings.
- n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition

ANSWERS: 55. function, 56. diameter, 57. stick, 58. emergency, 59. isolate, 60. patient's, 61. clinic

62. We ____ for an overseas expansion.

v. to try or plan to get or achieve something

63. Faces are a good _____ of age.

n. a sign or remark that something exists, is real, or is likely to occur

64. Many people in tropical countries die from _____ every year.

n. a severe disease caused by a parasite that is spread by the bite of an infected mosquito

65. He evaluated his chances for _____ rather pessimistically.

n. the state of continuing to exist or live, frequently in the face of difficulty or danger

66. Harmonious _____ is essential to the success of this project.

n. the combined action of a group of people working together towards a common goal

67. 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

68. The _____ on the food package lists the ingredients and nutritional information.

n. a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category

69. 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

70. Enhanced rail _____ is crucial for our business.

n. a system for moving people or products from one location to another using automobiles, roads, and so on

ANSWERS: 62. aim, 63. indication, 64. malaria, 65. survival, 66. teamwork, 67. biology, 68. label, 69. medical, 70. transportation

71. They collected a _____ specimen for urinalysis.
- n.* a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate
72. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
73. Animal protection groups call for an end to animal testing in a _____.
- n.* a workplace for doing scientific research or teaching science; a lab
74. 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
75. The patient will undergo _____ transplant surgery tomorrow.
- n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
76. It's important to _____ your strengths and weaknesses.
- v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
77. _____ 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

ANSWERS: 71. urine, 72. process, 73. laboratory, 74. liquid, 75. liver, 76. recognize, 77. Bacteria

78. The dentist asked him to spit out the excess _____ into the sink.
n. the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion
79. He grilled the _____ meat of a chicken.
n. either of the two round soft parts of a woman's chest which secrete milk after childbirth
80. One such rapidly growing _____ is quantum cryptography.
n. an idea or principle associated with something abstract
81. 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
82. 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
83. The _____ in the book helped me understand the concept better.
n. a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
84. This trail takes _____ 2.5 hours.
adv. close to a specific number or time but not exactly that number or time
85. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
n. a workplace for the conduct of scientific research; a laboratory

ANSWERS: 78. saliva, 79. breast, 80. concept, 81. government, 82. microscope, 83. illustration, 84. approximately, 85. lab

86. The doctor suspected that the patient was in the _____ stage of Alzheimer's disease.

adj. of or relating to the early phases of a disease when an accurate diagnosis is not possible because symptoms of the disease have not yet appeared; of or relating to the first stage of a medical education

87. Some athletes take anabolic steroids to increase muscle size _____.

adv. for a limited time only or not permanently

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

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

89. I will be very happy to accept your _____.

n. a spoken or written request to participate or be present or take part in something

90. 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

ANSWERS: 86. preclinical, 87. temporarily, 88. efficient, 89. invitation, 90. sensitive