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Vocabulary Builder Reference from...

Hyunsoo Joshua No: How does chemotherapy work?

| TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

horror

n. intense fear or disgust, especially at something shocking or terrifying

synonym: fear, terror, dread

(1) **horror** movie, (2) **horror-struck** look

The stories of war crimes filled her with **horror**.

trench

n. a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water

synonym: aqueduct, ditch, channel

(1) deep-sea **trench**, (2) **trench** excavator

A **trench** was being dug alongside the road by workers.

warfare

n. the use of military force to achieve political, economic, or social objectives

synonym: combat, fighting, conflict

(1) **warfare** aircraft, (2) spiritual **warfare**

The country has been engaged in a prolonged conflict, with both sides using modern **warfare** tactics.

poisonous

adj. containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction

synonym : toxic, venomous, deadly

(1) **poisonous** plants, (2) **poisonous** chemicals

Some species of **poisonous snakes** can be deadly to humans if bitten.

mustard

n. a yellow or brown condiment that tastes spicy made from the seeds of various plants; (adjective) between yellow and brown

synonym : condiment, sauce, spice

(1) **mustard** leaf, (2) black **mustard** seed

He had to endure the **mustard** gas attack during the war.

exposed

adj. having no protection or shield from something, such as bad weather, attack, or criticism

synonym : endangered, revealed, disclosed

(1) **exposed** to radiation, (2) an **exposed** rock

Tech companies often employ **exposed** ducts and other materials in their office interiors.

blister

n. a small, fluid-filled bubble on the skin caused by friction, burning, or other skin irritation; can also refer to a similar bubble found in other materials; (verb) to become covered with blisters or to cause blisters to form; to criticize or rebuke severely

synonym : sore, vesicle, pustule

(1) **blister** after walking for miles, (2) **blister** treatment

The new hiking shoes gave me a **blister** on my heel after just a few miles of walking.

desperately

adv. in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency

synonym : urgently, perilously, seriously

(1) **desperately** anxious, (2) **desperately** ill patient

The baby clung **desperately** to her mother.

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.

antidote

n. a chemical substance or remedy that stops or controls the effects of a poison or disease

synonym: remedy, treatment, restorative

(1) the **antidote** to the poison, (2) the **antidote** for aging

Knowledge is the **antidote** to fear.

vicious

adj. having or showing a desire to cause harm to others; having the nature of vice

synonym: malicious, spiteful, malevolent

(1) **vicious** attack, (2) **vicious** deflationary spiral

The **vicious** dog barked and growled at anyone who came near its territory.

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.

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**.

irrevocably

adv. in a way that is impossible to be changed, reversed, or recovered

synonym: decisively, permanently, definitely

(1) unconditionally and **irrevocably**, (2) change **irrevocably**

The evolution of civilization has **irrevocably** improved the quality of human life.

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.

marrow

n. a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience

synonym: bone marrow, pith, center

(1) the **marrow** of a speech, (2) vegetable **marrow**

The soup was made with bone **marrow**, giving it a rich and savory flavor.

halting

adj. hesitant or wavering in speech or action; faltering; stopping or pausing repeatedly and intermittently

synonym: stuttering, hesitant, faltering

(1) **halting** speech, (2) **halting** progress

The negotiations between the two countries were proceeding in a **halting** manner.

awful

adj. causing fear, dread, or terror; very bad or unpleasant

synonym: terrible, appalling, horrible

(1) an **awful** error, (2) do **awful** damage

I regretted making an **awful** mistake in my final exam.

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.

characteristic

n. a typical feature or quality that can identify, tell apart, or describe something or somebody

synonym : feature, quality, attribute

(1) stripes **characteristic** of the zebra, (2) my friend's **characteristic** laugh

Bananas have their **characteristic** taste and odor.

atrocious

n. brutal act; an extremely wicked or cruel act

synonym : evil, horror, iniquity

(1) commit **atrocious**, (2) cold-blooded **atrocious**

The **atrocious** of the war left many children orphaned.

champion

n. someone who has won first place in a competition; someone who fights for a specific group of people or a belief

synonym : victor, winner, fighter

(1) a **champion** of peace, (2) the grand **champion**

The **champion** bicyclist outrode all his competitors.

investigate

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

synonym : examine, analyze, look into

(1) **investigate** the matter, (2) **investigate** a data leak

The committee **investigated** several apparent inconsistencies.

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.

compound

n. an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements

synonym : combination, mixture, blend

(1) aquatic **compound**, (2) harmful **compound**

Common salt is a sodium and chlorine **compound**.

vein

n. a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

synonym : artery, blood vessel, capillary

(1) spider **vein**, (2) collapsed **vein**

The nurse inserted the needle into the **vein** in his arm to draw blood.

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.

chemotherapy

n. the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation

synonym : anticancer treatment, radiotherapy, immunotherapy

(1) **chemotherapy** regimen, (2) **chemotherapy** side effects

Many cancer patients undergo **chemotherapy** as a treatment option.

injection

n. the act of introducing a liquid, especially a drug, into the body using a needle and a syringe

synonym : shot, infusion, dose

(1) fuel **injection**, (2) **injection** needle

He received an **injection** of antibiotics to treat his infection.

cytotoxin

n. a poisonous substance that specifically targets and damages or kills cells, often associated with bacterial or viral infections

synonym : chemotoxin, poison, venom

(1) **cytotoxin** release, (2) bacterial **cytotoxin**

The snake's **cytotoxin** attacks the nervous system of its prey.

toxic

adj. of or relating to or caused by a poison; poisonous

synonym : poisonous, harmful, contaminated

(1) **toxic** molecule, (2) exposure to **toxic** chemicals

This chemical compound is a thousand-fold more **toxic**.

essentially

adv. relating to the essential features or concepts of anything

synonym : fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

Essentially, a society is an organism.

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.

reserve

v. to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance

synonym : keep, hold, preserve

(1) **reserve** the right, (2) **reserve** a concert ticket

You can easily **reserve** seats over the telephone.

precise

adj. sharply exact or accurate or delimited

synonym : accurate, exact, distinct

(1) **precise** analyses, (2) estimate **precise** costs

The content is **precise** and informative for me.

hallmark

n. a distinctive characteristic or attribute of a person or thing

synonym : symbol, authentication, indication

(1) the **hallmark** of a good scientist, (2) the **hallmark** of modern life

A clear and simple expression is the **hallmark** of good writing.

alkyl

n. a group of organic compounds that contain a single bond between a carbon atom and a hydrogen atom and are often used as building blocks for more complex organic molecules

(1) **alkyl** chain, (2) **alkyl** halide

The lab used an **alkyl** compound in their experiment to test its properties.

bloodstream

n. the blood flowing through the body

(1) **bloodstream** in an artery, (2) **bloodstream** to the brain

Cancer cells are often carried throughout the body by the **bloodstream**.

expose

v. to show something by uncovering it; to make something accessible to some action or influence

synonym : disclose, reveal, uncover

(1) **expose** a crime, (2) **expose** a person to risks

That newspaper **exposed** a political scandal in a big way.

damage

v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

synonym : harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment

During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

helix

n. a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

synonym : coil, spiral, twist

(1) **helix** structure, (2) alpha **helix**

The DNA molecule is shaped like a double **helix**.

structure

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

synonym : construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

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.

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.

frequent

adj. happening constantly

synonym : periodic, recurring, routine

(1) **frequent** absence, (2) **frequent** use
His heartaches are less **frequent** now.

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.

involve

v. to include or affect someone or something as a necessary part of something else

synonym: implicate, include, engage

(1) **involve** a lot of paperwork, (2) **involve** a high degree of risk
The investigation **involves** several government agencies and is expected to take several months.

tubule

n. a small, tube-like structure; a minute duct or canal in a plant or animal body

synonym: tube, canal, duct

(1) **tubule** structure, (2) renal **tubule**
The kidney comprises tiny **tubules** that filter waste from the bloodstream.

stabilize

v. to become or cause to become steady or unlikely to give way

synonym: brace, steady, secure

(1) **stabilize** prices, (2) **stabilize** blood sugar levels
The raising of interest rates **stabilizes** the inflation rate.

tube

n. a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

synonym: pipe, hose, duct

(1) a capillary **tube**, (2) a glass **tube**

The **tube** train was packed with commuters during rush hour.

assemble

v. to collect in one place as a single group

synonym: gather, congregate, collect

(1) **assemble** your colleagues, (2) **assemble** a jigsaw puzzle

The president began to **assemble** an army.

division

n. the act or outcome of splitting into separate parts; a critical organizational unit or sector

synonym: branch, separator, section

(1) cellular **division**, (2) **division** chief

Which **division** of the company do you work in?

disadvantage

n. a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position

synonym: detriment, drawback, (verb) disfavor

(1) the **disadvantage** of a plan, (2) **disadvantage** small businesses

A lack of education can be a significant **disadvantage** in today's job market.

naturally

adv. as might be expected; by natural manners

synonym: by nature, inherently, intrinsically

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

He was **naturally** gifted.

renew

v. to begin or resume something again after an interruption

synonym: renovate, restore, revitalize

(1) **renew** a contract, (2) **renew** its corporate image

I have to **renew** my passport by the middle of September.

follicle

n. a small sac or cavity in the body, especially in the skin or scalp, that contains and nourishes a hair or feather; a small gland or sac that produces and releases a bodily secretion

(1) **follicle** cell, (2) damaged **follicle**

The pigments in your hair **follicles** determine the color of your hair.

gastrointestinal

adj. relating to the stomach and intestines, particularly about the digestive system or related disorders

synonym: digestive, intestinal, stomach

(1) **gastrointestinal** disorders, (2) **gastrointestinal** symptoms

Certain foods can cause **gastrointestinal** problems if eaten in excess.

reproductive

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

synonym: procreative, generative

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

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

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**.

chemo

n. short for chemotherapy, a treatment for cancer that uses drugs to destroy cancer cells

synonym: chemotherapy, antineoplastic

(1) **chemo** patient, (2) **chemo-radiotherapy**

The side effects of **chemo**, such as nausea and hair loss, were a major concern for the patient.

fatigue

n. a feeling of tiredness or weariness, especially as a result of physical or mental exertion; the reduction in the strength or efficiency of a material or structure due to repeated use or stress

synonym: exhaustion, weariness, tiredness

(1) **fatigue** breaking, (2) **fatigue** caused by overwork
The metal showed signs of **fatigue** after being subjected to repeated stress.

infertile

adj. unable to grow crops or sustain life; not able to produce offspring or offspring that are viable

synonym: barren, sterile, unproductive

(1) **infertile** woman, (2) **infertile** land

The soil in the desert is **infertile**, making it difficult to grow crops.

nausea

n. a feeling of sickness or discomfort in the stomach that is often accompanied by an urge to vomit; a sensation of loathing or disgust

synonym: queasiness, sickness, vomiting

(1) **nausea** medication, (2) drug-induced **nausea** and vomiting

The rollercoaster ride left me with a feeling of **nausea**.

vomit

v. to eject food, blood, etc., from the stomach through the mouth; (noun) the matter ejected from the stomach through the mouth

synonym: puke, throw up, spew

(1) **vomit** abuse, (2) **vomit** after ingesting

She felt sick and had to run to the bathroom to **vomit**.

prescribe

v. (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something

synonym: define, specify, stipulate

(1) **prescribe** a drug, (2) **prescribe** in the preceding paragraph

Federal bankruptcy laws **prescribed** the reorganization process.

medication

n. a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease

synonym : cure, drug, medicine

(1) antibiotic **medication**, (2) **medication** by mouth

The pharmacist not only prescribes the **medication** but also guides its proper use.

device

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym : gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

temperature

n. the degree of hotness or coldness of a thing or place

synonym : climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric **temperature**

Cities around the world set records for highest **temperatures** this summer.

constrict

v. to make something narrow or tight, often restricting movement or flow; to become narrow or tighter

synonym : squeeze, compress, tighten

(1) **constrict** blood vessels, (2) **constrict** freedom

The snake's muscles began to **constrict** around its prey.

vessel

n. a ship or large boat

synonym : boat, ship, craft

(1) blood **vessels**, (2) naval **vessels**

The **vessel** arrived in port the following day.

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym : structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic

examinations.

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.

diagnose

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

synonym : identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans

This device is used to **diagnose** brain cancer and other tumors.

outlook

n. the likely future situation for someone or something; a habitual or characteristic mental attitude to life and the world of a particular person, group, or culture

synonym : perspective, view, overlook

(1) the **outlook** of the townsite, (2) a positive **outlook** on life

Our company's business **outlook** for next year is bright.

individual

n. a single person or thing, as distinct from a group

synonym : person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

testicle

n. one of the two oval-shaped organs in men that produce sperm and testosterone; in animals, the equivalent organ responsible for producing sperm and often also regulating testosterone levels

synonym : ballock, gonad, ball

(1) **testicle** injury, (2) swollen **testicles**

The athlete was hit in the **testicle** during the game and had to be removed.

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.

advance

v. to go or move forward; to develop in a positive way
synonym : progress, boost, come along

(1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

acute

adj. extremely sharp or severe
synonym : sharp, perceptive, keen

(1) **acute** pain, (2) **acute** triangle

The patient died from **acute** alcohol intoxication.

myeloid

adj. relating to or arising from bone marrow; pertaining to certain types of white blood cells, such as granulocytes and monocytes, which are formed in the bone marrow
synonym : marrow, hematopoietic, granulocytic

(1) **myeloid** leukemia, (2) **myeloid** sarcoma

The **myeloid** cells in the bone marrow are responsible for producing red and white blood cells.

leukemia

n. a type of cancer that affects the blood and bone marrow, in which abnormal white blood cells are produced and grow uncontrollably

synonym : blood cancer

(1) childhood **leukemia**, (2) acute **leukemia**

The symptoms of **leukemia** may include fatigue, weakness, and fever.

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.

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.

remission

n. a period of time when a disease or condition is no longer present or active; a lessening or reduction of symptoms or intensity; forgiveness or pardon for sins or debts

synonym: forgiveness, amnesty, absolution

(1) complete **remission**, (2) clinical **remission**

The cancer patient was delighted to hear that their disease was in **remission**.

phase

n. any stage in a series of events, change, or development

synonym: degree, stage, step

(1) enter on the last **phase**, (2) two- **phase** structure

The era of the industrial revolution was a crucial **phase** of history.

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.

intent

n. a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something

synonym: purpose, aim, goal

(1) the **intent** of a question, (2) **intent** gaze

The designer's **intent** was to create a minimalist aesthetic for the interior of the building.

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.

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.

Session 2: Spelling

1. in___t gaze *n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
2. co_____ct blood vessels *v.* to make something narrow or tight, often restricting movement or flow; to become narrow or tighter
3. blood ve___ls *n.* a ship or large boat
4. the ha_____rk of a good scientist *n.* a distinctive characteristic or attribute of a person or thing
5. 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
6. ha_____g speech *adj.* hesitant or wavering in speech or action; faltering; stopping or pausing repeatedly and intermittently
7. fr_____nt absence *adj.* happening constantly
8. 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
9. fo_____le cell *n.* a small sac or cavity in the body, especially in the skin or scalp, that contains and nourishes a hair or feather; a small gland or sac that produces and releases a bodily secretion

ANSWERS: 1. intent, 2. constrict, 3. vessel, 4. hallmark, 5. patient, 6. halting, 7. frequent, 8. develop, 9. follicle

10. become ess_____ly same *adv.* relating to the essential features or concepts of anything
11. bl_____r after walking for miles *n.* a small, fluid-filled bubble on the skin caused by friction, burning, or other skin irritation; can also refer to a similar bubble found in other materials; (verb) to become covered with blisters or to cause blisters to form; to criticize or rebuke severely
12. ch__o patient *n.* short for chemotherapy, a treatment for cancer that uses drugs to destroy cancer cells
13. te_____le injury *n.* one of the two oval-shaped organs in men that produce sperm and testosterone; in animals, the equivalent organ responsible for producing sperm and often also regulating testosterone levels
14. the ha_____rk of modern life *n.* a distinctive characteristic or attribute of a person or thing
15. blo_____am in an artery *n.* the blood flowing through the body
16. as_____le a jigsaw puzzle *v.* to collect in one place as a single group
17. che_____apy regimen *n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
18. fa_____e breaking *n.* a feeling of tiredness or weariness, especially as a result of physical or mental exertion; the reduction in the strength or efficiency of a material or structure due to repeated use or stress

ANSWERS: 10. essentially, 11. blister, 12. chemo, 13. testicle, 14. hallmark, 15. bloodstream, 16. assemble, 17. chemotherapy, 18. fatigue

19. 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
20. 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
21. 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
22. the st____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
23. vegetable ma____w *n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
24. tracking de____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 19. process, 20. multiply, 21. cancer, 22. structure, 23. marrow, 24. device

25. con_____ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
26. ex_____d to radiation *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
27. re__w its corporate image *v.* to begin or resume something again after an interruption
28. a positive ou_____k on life *n.* the likely future situation for someone or something; a habitual or characteristic mental attitude to life and the world of a particular person, group, or culture
29. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
30. enter on the last ph__e *n.* any stage in a series of events, change, or development
31. re_____e a concert ticket *v.* to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance
32. ac__e triangle *adj.* extremely sharp or severe
33. d_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
34. ch__o-radiotherapy *n.* short for chemotherapy, a treatment for cancer that uses drugs to destroy cancer cells
35. collapsed v__n *n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

ANSWERS: 25. concentration, 26. exposed, 27. renew, 28. outlook, 29. medicinal, 30. phase, 31. reserve, 32. acute, 33. dam, 34. chemo, 35. vein

36. es____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
37. des_____ly anxious *adv.* in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency
38. acc_____te evidence *v.* to collect or acquire a large number of things over a long period of time
39. ad_____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
40. the dis_____age of a plan *n.* a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position
41. acute le_____ia *n.* a type of cancer that affects the blood and bone marrow, in which abnormal white blood cells are produced and grow uncontrollably
42. deep-sea tr____h *n.* a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water
43. ha_____g progress *adj.* hesitant or wavering in speech or action; faltering; stopping or pausing repeatedly and intermittently
44. a facial ti____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
45. rep_____ive ability *adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants

ANSWERS: 36. estimate, 37. desperately, 38. accumulate, 39. advance, 40. disadvantage, 41. leukemia, 42. trench, 43. halting, 44. tissue, 45. reproductive

46. pr____e analyses *adj.* sharply exact or accurate or delimited
47. ac__e pain *adj.* extremely sharp or severe
48. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
49. ho___r movie *n.* intense fear or disgust, especially at something shocking or terrifying
50. 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
51. da___e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
52. two-ph__e structure *n.* any stage in a series of events, change, or development
53. his research area of
con_____ion *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
54. an ex_____d rock *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
55. tr___h excavator *n.* a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water

ANSWERS: 46. precise, 47. acute, 48. temperature, 49. horror, 50. multiply, 51. damage, 52. phase, 53. concentration, 54. exposed, 55. trench

56. stripes cha_____tic of the zebra *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
57. a glass t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
58. alpha he__x *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
59. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
60. the in___t of a question *n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
61. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
62. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
63. dis_____age small businesses *n.* a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position
64. al__l chain *n.* a group of organic compounds that contain a single bond between a carbon atom and a hydrogen atom and are often used as building blocks for more complex organic molecules

ANSWERS: 56. characteristic, 57. tube, 58. helix, 59. tube, 60. intent, 61. temperature, 62. diagnose, 63. disadvantage, 64. alkyl

65. na_____ly regenerated forest *adv.* as might be expected; by natural manners
66. unconditionally and irr_____ly *adv.* in a way that is impossible to be changed, reversed, or recovered
67. 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
68. al__l halide *n.* a group of organic compounds that contain a single bond between a carbon atom and a hydrogen atom and are often used as building blocks for more complex organic molecules
69. traditional me_____al *adj.* of or relating to the treatment or cure of disease
70. vo__t after ingesting *v.* to eject food, blood, etc., from the stomach through the mouth; (noun) the matter ejected from the stomach through the mouth
71. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
72. st_____ze prices *v.* to become or cause to become steady or unlikely to give way
73. in_____le woman *adj.* unable to grow crops or sustain life; not able to produce offspring or offspring that are viable
74. the ou_____k of the townsite *n.* the likely future situation for someone or something; a habitual or characteristic mental attitude to life and the world of a particular person, group, or culture

ANSWERS: 65. naturally, 66. irrevocably, 67. discovery, 68. alkyl, 69. medicinal, 70. vomit, 71. device, 72. stabilize, 73. infertile, 74. outlook

75. mu_____d leaf *n.* a yellow or brown condiment that tastes spicy made from the seeds of various plants; (adjective) between yellow and brown
76. re__w a contract *v.* to begin or resume something again after an interruption
77. childhood le_____ia *n.* a type of cancer that affects the blood and bone marrow, in which abnormal white blood cells are produced and grow uncontrollably
78. a private ind_____al *n.* a single person or thing, as distinct from a group
79. spiritual wa_____e *n.* the use of military force to achieve political, economic, or social objectives
80. im_____e the test score *v.* to make or become better
81. the an_____te for aging *n.* a chemical substance or remedy that stops or controls the effects of a poison or disease
82. swollen te_____les *n.* one of the two oval-shaped organs in men that produce sperm and testosterone; in animals, the equivalent organ responsible for producing sperm and often also regulating testosterone levels
83. my_____d sarcoma *adj.* relating to or arising from bone marrow; pertaining to certain types of white blood cells, such as granulocytes and monocytes, which are formed in the bone marrow

ANSWERS: 75. mustard, 76. renew, 77. leukemia, 78. individual, 79. warfare, 80. improve, 81. antidote, 82. testicle, 83. myeloid

84. my friend's cha_____tic laugh *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
85. in_____le land *adj.* unable to grow crops or sustain life; not able to produce offspring or offspring that are viable
86. to__c molecule *adj.* of or relating to or caused by a poison; poisonous
87. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
88. inv_____te the matter *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
89. re_____e the right *v.* to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance
90. the grand ch_____on *n.* someone who has won first place in a competition; someone who fights for a specific group of people or a belief
91. vi_____s deflationary spiral *adj.* having or showing a desire to cause harm to others; having the nature of vice
92. cellular di_____on *n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector
93. change irr_____ly *adv.* in a way that is impossible to be changed, reversed, or recovered

ANSWERS: 84. characteristic, 85. infertile, 86. toxic, 87. survive, 88. investigate, 89. reserve, 90. champion, 91. vicious, 92. division, 93. irrevocably

94. my_____d leukemia *adj.* relating to or arising from bone marrow; pertaining to certain types of white blood cells, such as granulocytes and monocytes, which are formed in the bone marrow
95. pr_____be in the preceding paragraph *v.* (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something
96. d_m-building program *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
97. tu___e structure *n.* a small, tube-like structure; a minute duct or canal in a plant or animal body
98. acc_____te cash value *v.* to collect or acquire a large number of things over a long period of time
99. wa_____e aircraft *n.* the use of military force to achieve political, economic, or social objectives
100. clinical re_____on *n.* a period of time when a disease or condition is no longer present or active; a lessening or reduction of symptoms or intensity; forgiveness or pardon for sins or debts
101. damaged fo_____le *n.* a small sac or cavity in the body, especially in the skin or scalp, that contains and nourishes a hair or feather; a small gland or sac that produces and releases a bodily secretion
102. the ma___w of a speech *n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience

ANSWERS: 94. myeloid, 95. prescribe, 96. dam, 97. tubule, 98. accumulate, 99. warfare, 100. remission, 101. follicle, 102. marrow

103. ind_____al freedom	<i>n.</i>	a single person or thing, as distinct from a group
104. co_____ct freedom	<i>v.</i>	to make something narrow or tight, often restricting movement or flow; to become narrow or tighter
105. di_____se with CT scans	<i>v.</i>	to determine or distinguish the nature of a problem or an illness through a careful analysis
106. an agg_____ve war	<i>adj.</i>	behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
107. cold-blooded at_____ty	<i>n.</i>	brutal act; an extremely wicked or cruel act
108. fuel in _____on	<i>n.</i>	the act of introducing a liquid, especially a drug, into the body using a needle and a syringe
109. na_____ly arising	<i>adv.</i>	as might be expected; by natural manners
110. as_____le your colleagues	<i>v.</i>	to collect in one place as a single group
111. antibiotic med _____on	<i>n.</i>	a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
112. st _____ze blood sugar levels	<i>v.</i>	to become or cause to become steady or unlikely to give way
113. an aw__l error	<i>adj.</i>	causing fear, dread, or terror; very bad or unpleasant
114. des _____ly ill patient	<i>adv.</i>	in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency

ANSWERS: 103. individual, 104. constrict, 105. diagnose, 106. aggressive, 107. atrocity, 108. injection, 109. naturally, 110. assemble, 111. medication, 112. stabilize, 113. awful, 114. desperately

115. do aw__l damage *adj.* causing fear, dread, or terror; very bad or unpleasant
116. ess_____ly correct *adv.* relating to the essential features or concepts of anything
117. fa_____e caused by overwork *n.* a feeling of tiredness or weariness, especially as a result of physical or mental exertion; the reduction in the strength or efficiency of a material or structure due to repeated use or stress
118. na___a medication *n.* a feeling of sickness or discomfort in the stomach that is often accompanied by an urge to vomit; a sensation of loathing or disgust
119. aquatic co_____nd *n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
120. the an_____te to the poison *n.* a chemical substance or remedy that stops or controls the effects of a poison or disease
121. po_____us chemicals *adj.* containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction
122. bl_____r treatment *n.* a small, fluid-filled bubble on the skin caused by friction, burning, or other skin irritation; can also refer to a similar bubble found in other materials; (verb) to become covered with blisters or to cause blisters to form; to criticize or rebuke severely

ANSWERS: 115. awful, 116. essentially, 117. fatigue, 118. nausea, 119. compound, 120. antidote, 121. poisonous, 122. blister

123. 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
124. vi____s attack *adj.* having or showing a desire to cause harm to others; having the nature of vice
125. in_____on needle *n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe
126. cultural n__m *n.* something that is regarded as usual, typical, or standard
127. che_____apy side effects *n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
128. spider v__n *n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
129. commit at____ty *n.* brutal act; an extremely wicked or cruel act
130. re____r a loss *v.* to return to a former condition, health, mind, or strength

ANSWERS: 123. process, 124. vicious, 125. injection, 126. norm, 127. chemotherapy, 128. vein, 129. atrocity, 130. recover

131. an agg_____ve tumor *adj.* behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
132. estimate pr_____e costs *adj.* sharply exact or accurate or delimited
133. exposure to to__c chemicals *adj.* of or relating to or caused by a poison; poisonous
134. 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
135. da___e assessment *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
136. he__x structure *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
137. med_____on by mouth *n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
138. di_____on chief *n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector
139. ho___r-struck look *n.* intense fear or disgust, especially at something shocking or terrifying
140. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 131. aggressive, 132. precise, 133. toxic, 134. intervention, 135. damage, 136. helix, 137. medication, 138. division, 139. horror, 140. structure

141. 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)
142. es_____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
143. gas_____nal symptoms *adj.* relating to the stomach and intestines, particularly about the digestive system or related disorders
144. su_____e a plane crash *v.* to live or exist despite a dangerous event or period
145. su_____al ability *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
146. in_____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
147. fr_____nt use *adj.* happening constantly
148. complete re_____on *n.* a period of time when a disease or condition is no longer present or active; a lessening or reduction of symptoms or intensity; forgiveness or pardon for sins or debts
149. renal tu_____e *n.* a small, tube-like structure; a minute duct or canal in a plant or animal body
150. 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
151. during rep_____ive period *adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants

ANSWERS: 141. inject, 142. estimate, 143. gastrointestinal, 144. survive, 145. survival, 146. involve, 147. frequent, 148. remission, 149. tubule, 150. intervention, 151. reproductive

152. harmful co_____nd *n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
153. vo__t abuse *v.* to eject food, blood, etc., from the stomach through the mouth; (noun) the matter ejected from the stomach through the mouth
154. drug-induced na___a and vomiting *n.* a feeling of sickness or discomfort in the stomach that is often accompanied by an urge to vomit; a sensation of loathing or disgust
155. a ch_____on of peace *n.* someone who has won first place in a competition; someone who fights for a specific group of people or a belief
156. in_____e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
157. naval ve___ls *n.* a ship or large boat
158. gas_____nal disorders *adj.* relating to the stomach and intestines, particularly about the digestive system or related disorders
159. ex___e a crime *v.* to show something by uncovering it; to make something accessible to some action or influence
160. re_____r approval ratings *v.* to return to a former condition, health, mind, or strength
161. 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)

ANSWERS: 152. compound, 153. vomit, 154. nausea, 155. champion, 156. involve, 157. vessel, 158. gastrointestinal, 159. expose, 160. recover, 161. inject

162. cy_____in release *n.* a poisonous substance that specifically targets and damages or kills cells, often associated with bacterial or viral infections
163. n__m of action *n.* something that is regarded as usual, typical, or standard
164. ex___e a person to risks *v.* to show something by uncovering it; to make something accessible to some action or influence
165. pr_____be a drug *v.* (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something
166. loss of muscle ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
167. 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
168. inv_____te a data leak *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
169. 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
170. po_____us plants *adj.* containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction

ANSWERS: 162. cytotoxin, 163. norm, 164. expose, 165. prescribe, 166. tissue, 167. cancer, 168. investigate, 169. discovery, 170. poisonous

171. su____al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
172. bacterial cy_____in *n.* a poisonous substance that specifically targets and damages or kills cells, often associated with bacterial or viral infections
173. 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
174. 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
175. ad____e the technology *v.* to go or move forward; to develop in a positive way
176. black mu____d seed *n.* a yellow or brown condiment that tastes spicy made from the seeds of various plants; (adjective) between yellow and brown
177. im____e a process *v.* to make or become better
178. blo_____am to the brain *n.* the blood flowing through the body

ANSWERS: 171. survival, 172. cytotoxin, 173. develop, 174. patient, 175. advance, 176. mustard, 177. improve, 178. bloodstream

Session 3: Fill in the Blanks

1. 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
2. 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
3. An _____ tide wrecked the ship.
adj. behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
4. The committee _____ several apparent inconsistencies.
v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
5. Common salt is a sodium and chlorine _____.
n. an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
6. 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
7. 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)

ANSWERS: 1. dam, 2. patient's, 3. aggressive, 4. investigated, 5. compound, 6. intervention, 7. inject

8. Many cancer patients undergo _____ as a treatment option.
n. the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
9. The rollercoaster ride left me with a feeling of _____.
n. a feeling of sickness or discomfort in the stomach that is often accompanied by an urge to vomit; a sensation of loathing or disgust
10. The president began to _____ an army.
v. to collect in one place as a single group
11. The patient died from _____ alcohol intoxication.
adj. extremely sharp or severe
12. He has _____ his wealth through real estate investments.
v. to collect or acquire a large number of things over a long period of time
13. The _____ train was packed with commuters during rush hour.
n. a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
14. The evolution of civilization has _____ improved the quality of human life.
adv. in a way that is impossible to be changed, reversed, or recovered
15. He was _____ gifted.
adv. as might be expected; by natural manners
16. As an _____ he had the right to make his own decisions and live his life as he saw fit.
n. a single person or thing, as distinct from a group

ANSWERS: 8. chemotherapy, 9. nausea, 10. assemble, 11. acute, 12. accumulated, 13. tube, 14. irrevocably, 15. naturally, 16. individual,

17. The _____ cells in the bone marrow are responsible for producing red and white blood cells.
adj. relating to or arising from bone marrow; pertaining to certain types of white blood cells, such as granulocytes and monocytes, which are formed in the bone marrow
18. The soil in the desert is _____ making it difficult to grow crops.
adj. unable to grow crops or sustain life; not able to produce offspring or offspring that are viable
19. The soup was made with bone _____ giving it a rich and savory flavor.
n. a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
20. The stories of war crimes filled her with _____.
n. intense fear or disgust, especially at something shocking or terrifying
21. Cities around the world set records for highest _____ this summer.
n. the degree of hotness or coldness of a thing or place
22. The _____ arrived in port the following day.
n. a ship or large boat
23. The systems we have developed has accepted as industry _____.
n. something that is regarded as usual, typical, or standard
24. The pigments in your hair _____ determine the color of your hair.
n. a small sac or cavity in the body, especially in the skin or scalp, that contains and nourishes a hair or feather; a small gland or sac that produces and releases a bodily secretion

ANSWERS: 17. myeloid, 18. infertile, 19. marrow, 20. horror, 21. temperatures, 22. vessel, 23. norms, 24. follicles

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

v. to make or become better

26. You can easily _____ seats over the telephone.

v. to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance

27. Federal bankruptcy laws _____ the reorganization process.

v. (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something

28. The organizational _____ of start-ups is often flat and straightforward.

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

29. The investigation _____ several government agencies and is expected to take several months.

v. to include or affect someone or something as a necessary part of something else

30. Knowledge is the _____ to fear.

n. a chemical substance or remedy that stops or controls the effects of a poison or disease

31. Scientific knowledge will _____ significantly with the power of AI.

v. to go or move forward; to develop in a positive way

32. The negotiations between the two countries were proceeding in a _____ manner.

adj. hesitant or wavering in speech or action; faltering; stopping or pausing repeatedly and intermittently

ANSWERS: 25. improve, 26. reserve, 27. prescribed, 28. structure, 29. involves, 30. antidote, 31. advance, 32. halting

33. I have to _____ my passport by the middle of September.
v. to begin or resume something again after an interruption
34. The nurse inserted the needle into the _____ in his arm to draw blood.
n. a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
35. Certain foods can cause _____ problems if eaten in excess.
adj. relating to the stomach and intestines, particularly about the digestive system or related disorders
36. The athlete was hit in the _____ during the game and had to be removed.
n. one of the two oval-shaped organs in men that produce sperm and testosterone; in animals, the equivalent organ responsible for producing sperm and often also regulating testosterone levels
37. Bananas have their _____ taste and odor.
n. a typical feature or quality that can identify, tell apart, or describe something or somebody
38. He had to endure the _____ gas attack during the war.
n. a yellow or brown condiment that tastes spicy made from the seeds of various plants; (adjective) between yellow and brown
39. These birds can only _____ in temperate climates.
v. to live or exist despite a dangerous event or period
40. 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

ANSWERS: 33. renew, 34. vein, 35. gastrointestinal, 36. testicle, 37. characteristic, 38. mustard, 39. survive, 40. process

41. His heartaches are less _____ now.

adj. happening constantly

42. The _____ dog barked and growled at anyone who came near its territory.

adj. having or showing a desire to cause harm to others; having the nature of vice

43. During the surgery, the doctor had to be extremely cautious not to _____ a blood vessel.

v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

44. The country has been engaged in a prolonged conflict, with both sides using modern _____ tactics.

n. the use of military force to achieve political, economic, or social objectives

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 researcher separated the nervous _____ for microscopic examinations.

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

47. The new hiking shoes gave me a _____ on my heel after just a few miles of walking.

n. a small, fluid-filled bubble on the skin caused by friction, burning, or other skin irritation; can also refer to a similar bubble found in other materials; (verb) to become covered with blisters or to cause blisters to form; to criticize or rebuke severely

ANSWERS: 41. frequent, 42. vicious, 43. damage, 44. warfare, 45. cancer, 46. tissue, 47. blister

48. 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
49. Which _____ of the company do you work in?
- n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector
50. Cancer cells are often carried throughout the body by the _____.
- n.* the blood flowing through the body
51. That newspaper _____ a political scandal in a big way.
- v.* to show something by uncovering it; to make something accessible to some action or influence
52. _____ a society is an organism.
- adv.* relating to the essential features or concepts of anything
53. The lab used an _____ compound in their experiment to test its properties.
- n.* a group of organic compounds that contain a single bond between a carbon atom and a hydrogen atom and are often used as building blocks for more complex organic molecules
54. I always carry a backup _____ in case my phone runs out of battery.
- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
55. This exam requires excellent _____ to pass.
- n.* the ability to focus all your time and energy on one thing without thinking about anything else.

ANSWERS: 48. discovery, 49. division, 50. bloodstream, 51. exposed, 52. Essentially, 53. alkyl, 54. device, 55. concentration

56. The _____ of the war left many children orphaned.

n. brutal act; an extremely wicked or cruel act

57. The snake's muscles began to _____ around its prey.

v. to make something narrow or tight, often restricting movement or flow; to become narrow or tighter

58. The symptoms of _____ may include fatigue, weakness, and fever.

n. a type of cancer that affects the blood and bone marrow, in which abnormal white blood cells are produced and grow uncontrollably

59. We _____ the season's total trade deficit at \$50 billion.

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

60. Some species of _____ can be deadly to humans if bitten.

adj. containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction

61. I regretted making an _____ mistake in my final exam.

adj. causing fear, dread, or terror; very bad or unpleasant

62. The cancer patient was delighted to hear that their disease was in _____.

n. a period of time when a disease or condition is no longer present or active; a lessening or reduction of symptoms or intensity; forgiveness or pardon for sins or debts

63. The content is _____ and informative for me.

adj. sharply exact or accurate or delimited

ANSWERS: 56. atrocity, 57. constrict, 58. leukemia, 59. estimated, 60. poisonous snakes, 61. awful, 62. remission, 63. precise

64. Our company's business _____ for next year is bright.
- n.* the likely future situation for someone or something; a habitual or characteristic mental attitude to life and the world of a particular person, group, or culture
65. He received an _____ of antibiotics to treat his infection.
- n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe
66. The era of the industrial revolution was a crucial _____ of history.
- n.* any stage in a series of events, change, or development
67. This documentary deals with the _____ biology of the buffalo.
- adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants
68. Tech companies often employ _____ ducts and other materials in their office interiors.
- adj.* having no protection or shield from something, such as bad weather, attack, or criticism
69. She felt sick and had to run to the bathroom to _____.
- v.* to eject food, blood, etc., from the stomach through the mouth; (noun) the matter ejected from the stomach through the mouth
70. The kidney comprises tiny _____ that filter waste from the bloodstream.
- n.* a small, tube-like structure; a minute duct or canal in a plant or animal body
71. The _____ properties of this herb have been known to help with various ailments.
- adj.* of or relating to the treatment or cure of disease

ANSWERS: 64. outlook, 65. injection, 66. phase, 67. reproductive, 68. exposed, 69. vomit, 70. tubules, 71. medicinal

72. _____ 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
73. The side effects of _____ such as nausea and hair loss, were a major concern for the patient.
- n. short for chemotherapy, a treatment for cancer that uses drugs to destroy cancer cells
74. 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
75. The designer's _____ was to create a minimalist aesthetic for the interior of the building.
- n. a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
76. The _____ bicyclist outrode all his competitors.
- n. someone who has won first place in a competition; someone who fights for a specific group of people or a belief
77. A clear and simple expression is the _____ of good writing.
- n. a distinctive characteristic or attribute of a person or thing
78. A lack of education can be a significant _____ in today's job market.
- n. a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position

ANSWERS: 72. Multiply, 73. chemo, 74. develop, 75. intent, 76. champion, 77. hallmark, 78. disadvantage

79. The pharmacist not only prescribes the _____ but also guides its proper use.

n. a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease

80. This chemical compound is a thousand-fold more _____.

adj. of or relating to or caused by a poison; poisonous

81. The DNA molecule is shaped like a double _____.

n. a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

82. The raising of interest rates _____ the inflation rate.

v. to become or cause to become steady or unlikely to give way

83. The snake's _____ attacks the nervous system of its prey.

n. a poisonous substance that specifically targets and damages or kills cells, often associated with bacterial or viral infections

84. The metal showed signs of _____ after being subjected to repeated stress.

n. a feeling of tiredness or weariness, especially as a result of physical or mental exertion; the reduction in the strength or efficiency of a material or structure due to repeated use or stress

85. A _____ was being dug alongside the road by workers.

n. a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water

86. She is still _____ from a shot to her shoulder.

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

ANSWERS: 79. medication, 80. toxic, 81. helix, 82. stabilizes, 83. cytotoxin, 84. fatigue, 85. trench, 86. recovering

87. He evaluated his chances for _____ rather pessimistically.

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

88. This device is used to _____ brain cancer and other tumors.

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

89. The baby clung _____ to her mother.

adv. in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency

ANSWERS: 87. survival, 88. diagnose, 89. desperately