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Vocabulary Builder Reference from...

Elizabeth Wayne: We can hack our immune cells to fight cancer | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

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.

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.

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.

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.

nonspecific

adj. not specific or detailed; lacking precise definition or differentiation; not limited to a particular thing, person, or situation

synonym: indeterminate, unspecific, vague

(1) **nonspecific** changes, (2) **nonspecific** antibody
The patient complained of **nonspecific** pain in their lower abdomen.

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.

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.

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.

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.

emerge

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

synonym : arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty

During colonial eras, new migratory patterns **emerged**.

encapsulate

v. to enclose or envelop something within a capsule or a membrane; to express or summarize the essence or core of something in a condensed form

synonym : enclose, contain, capsulize

(1) **encapsulate** the message, (2) **encapsulate** the essence

The movie can **encapsulate** the book's spirit, bringing it to life on screen.

modification

n. the act of changing something, usually to improve it, or something changed

synonym : change, amendment, alteration

(1) a **modification** of last year's model, (2) further **modification**

As a result of this **modification**, we have revised our safety measures.

propose

v. to make a proposal, declare a plan for something
synonym: suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes
I want to **propose** a toast in honor of our longstanding relationship.

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**.

versatile

adj. able to do many things in different fields; having many talents

synonym: adaptable, protean, universal

(1) provide a **versatile** solution, (2) a **versatile** writer
He's a **versatile** actor who has acted in various parts.

patrol

n. the act of guarding an area or conducting surveillance of an area to maintain order, perform security functions, or prevent crime; a group of officers or soldiers that conducts such an operation

synonym: guard, watch, surveillance

(1) **patrol** car, (2) border **patrol**

The highway **patrol** officer pulled over the speeding vehicle on the freeway.

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.

mere

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

synonym : bare, minor, sheer

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

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

injury

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

synonym : wound, damage, hurt

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

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

biomedical

adj. relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

synonym : medical, clinical, health-related

(1) **biomedical** assay, (2) cutting-edge **biomedical**

Biomedical engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.

engineer

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

synonym : architect, creator, builder

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

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

attribute

v. to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

synonym : ascribe, blame, (noun) feature

(1) **attribute** the change to their marriage, (2) **attribute** directly to sales

He **attributes** the disappointing results to the economic downturn.

primary

adj. first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle

synonym: chief, main, fundamental

(1) **primary** school, (2) **primary** education

The **primary** cause of the accident was due to the icy road conditions.

distant

adj. far away in space, time, or where you are; far apart in relevance, relationship, or kinship

synonym: far, isolated, remote

(1) a **distant** memory, (2) **distant** ancestors

The sun set over the crest of **distant** hills.

decide

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

synonym: choose, determine, settle

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

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

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.

lipid

n. any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells

synonym: fat, oil, phospholipid

(1) **lipid** metabolism, (2) blood **lipid** profile

Omega-3 fatty acids, found in foods like fish and nuts, are a type of **lipid** that is good for heart health.

compose

v. to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

synonym: compile, constitute, build

(1) **compose** an essay, (2) **compose** my thoughts

The structure is **composed** of three main components.

membrane

n. a soft, thin layer that forms animal or vegetable tissue

synonym: tissue layer

(1) cell **membranes**, (2) nuclear **membrane**

Loud noises might harm the fragile ear **membrane**.

molecule

n. a group of two or more atoms held together by attractive forces known as chemical bonds

synonym: particle, element, atom

(1) small **molecules**, (2) **molecule** behavior

The shape of the DNA **molecule** is a double helix.

glue

n. a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials

synonym: adhesive, paste, gum

(1) **glue** stick, (2) epoxy **glue**

The carpenter applied **glue** to the cabinet joints before nailing them together.

bind

v. to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

synonym: tie, stick to, adhere

(1) **bind** the man's hands, (2) **bind** old letters into a bundle

The company's rules **bind** the employee's working hours.

trail

n. a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind

synonym: footpath, track, course

(1) a warm **trail**, (2) follow the **trail**

The storm left a **trail** of destruction behind it.

therapeutic

adj. relating to or involved in the treatment of illness or injury
synonym : healing, remedial, curative

(1) **therapeutic** massage, (2) **therapeutic** administration
Yoga is known to have **therapeutic** benefits for the mind and body.

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**.

experiment

n. the scientific test conducted to observe what happens and gain new knowledge
synonym : experimentation, investigation

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

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.

bound

v. to move forward by leaps and bounds; to form the boundary of something
synonym : jump, bounce, leap

(1) **bounded** with delight, (2) **bound** up a staircase
Canada **bounds** on the United States.

immediately

adv. now or without delay
synonym : directly, instantly, promptly

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

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

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**.

mimic

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

synonym: mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments
He is very popular at school because he can **mimic** all the teachers' accents.

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.

exciting

adj. causing a lot of interest or excitement

synonym: exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and unexpected.

initially

adv. at the beginning; at first

synonym: originally, primarily, firstly

(1) **initially** anticipated, (2) diagnosed **initially** as a tumor
This train departed later than **initially** scheduled.

comparison

n. the consideration or examination of the similarities between two or more people or things

synonym: equivalence, analogy, contrast

(1) ease of **comparison**, (2) **comparison** of foods on a caloric basis

I've included the two designs for a **comparison**.

amazing

adj. extremely surprising, especially in a way that you like or admire

synonym: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

sticky

adj. made of or covered with an adhesive substance; hot or warm and humid

synonym: adhesive, gluey, clingy

(1) **sticky** weather, (2) **sticky** situation

A peculiar **sticky** material coated the foliage.

smug

adj. excessively pleased with oneself; self-righteously complacent

synonym: self-satisfied, complacent, self-assured

(1) in a **smug** manner, (2) **smug** attitude

She felt **smug** about her performance in the competition.

colleague

n. one of a group of a coworker, especially in a profession or a business

synonym: coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

ballsy

adj. marked by boldness, courage, or nerve; daring or audacious, often to the point of being aggressive or pushy

synonym: courageous, daring, gutsy

(1) **ballsy** play, (2) **ballsy** attitude

The actress's **ballsy** move to turn down the leading role in the blockbuster paid off when she won an Oscar for her

smaller, riskier role.

therapy

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

synonym: antidote, medicine, treatment

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

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

importance

n. the quality of being important and worthy of note

synonym: significance, primacy, matter

(1) a man of **importance**, (2) high **importance**

I stopped by the branch though I have no business of **importance**.

fast-acting

adj. describing a substance or product that works rapidly, quickly producing the desired effect or result

synonym: quick-acting, rapid, swift

(1) **fast-acting** energy drink, (2) **fast-acting** insulin

The **fast-acting** medication provided immediate relief for my migraine headache.

lingering

adj. continuing for a long time; persistent; remaining in a place or situation for longer than is usual or necessary; unwilling to leave

synonym: prolonged, persistent, enduring

(1) **lingering** illness, (2) **lingering** doubts

The **lingering** smell of smoke clung to his clothes even after he left the campfire.

particle

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

synonym: atom, grain, bit

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

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

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.

circulation

n. the movement of blood through the body or of a fluid through a system; the number of copies of a newspaper or magazine that are sold

synonym: flow, movement, dissemination

(1) lymphatic **circulation**, (2) **circulation** of money

The **circulation** of the magazine has been steadily declining.

burden

n. a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry

synonym: obligation, duty, load

(1) carry a **burden**, (2) **burden** of disease

That car has a low environmental **burden**.

victory

n. success in a game, competition, election, or battle, or the knowledge that you have won

synonym: win, triumph, success

(1) **victory** in the law court, (2) **victory** over terrorism

We are optimistic about our final **victory**.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym: depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

paradigm

n. a standard or typical example of something; a pattern or model

synonym: example, standard, epitome

(1) major **paradigm** shift, (2) cultural **paradigm**

He postulated a completely different **paradigm** to explain all

these phenomena.

shift

n. a slight transition in position, direction, or trend
synonym: transition, change, modification

(1) Doppler **shift**, (2) major paradigm **shift**

Could you help me **shift** some furniture?

revolution

n. a large-scale attempt to overthrow the government of a country, often using violence or war;

synonym: coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of wealth.

possibility

n. a chance that something may happen or be true
synonym: chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake

The **possibility** of getting the disease will drastically increase.

endless

adj. having no end or conclusion; infinitely very large in size or amount

synonym: infinite, ceaseless, boundless

(1) **endless** possibilities, (2) **endless** hours

He looked out the window at the **endless** stream of people.

crucial

adj. extremely vital or necessary

synonym: essential, pivotal, vital

(1) **crucial** information, (2) a **crucial** issue for women

The revitalization of technology companies is **crucial** to the country's growth.

healing

n. the process of becoming or making somebody or something well again

synonym:

recovery, recuperation, convalescence

(1) natural **healing** ability, (2) part of the **healing** process
Each ancient tribe has its **healing** traditions.

agent

n. a person who represents and negotiates on behalf of someone else, such as a literary agent or talent agent; (of chemistry and medicine) a substance that brings about a chemical or physical effect; (of computer science) a piece of software that performs a task autonomously

synonym: representative, delegate, envoy

(1) **agent** system, (2) antidiarrheal **agent**

The FBI **agent** went undercover to infiltrate the criminal organization.

spinal

adj. of or relating to the spine (= the long bone in the body's back)

(1) **spinal** injury, (2) brain and **spinal** cord

The surgeon carefully confirmed how to remove the tumor to avoid damaging the **spinal** nerves.

cord

n. a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment

synonym: wire, cable, string

(1) spinal **cord**, (2) electrical **cord**

Your spinal **cord** is located deep within your body.

brain

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

barrier

n. a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

synonym : border, barricade, fence

(1) cost **barrier**, (2) information **barrier**

The police placed a **barrier** across the street to halt traffic.

Alzheimer

n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

synonym : dementia, memory loss, cognitive decline

(1) **Alzheimer's** brain, (2) **Alzheimer's** risk factors

My grandmother has **Alzheimer's** disease requires special care and attention from her caregivers.

excite

v. to make someone feel suddenly enthusiastic or eager

synonym : thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym : suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

Session 2: Spelling

1. m__e incident *adj.* used to emphasize how insignificant or minor someone or something is
2. carry a bu___n *n.* a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry
3. en____s hours *adj.* having no end or conclusion; infinitely very large in size or amount
4. ex____ng news *adj.* causing a lot of interest or excitement
5. pos____ty of a major earthquake *n.* a chance that something may happen or be true
6. n__m of action *n.* something that is regarded as usual, typical, or standard
7. a cr____l issue for women *adj.* extremely vital or necessary
8. non____ic changes *adj.* not specific or detailed; lacking precise definition or differentiation; not limited to a particular thing, person, or situation
9. exp____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
10. major pa____gm shift *n.* a standard or typical example of something; a pattern or model
11. en____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
12. charged pa____le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance

ANSWERS: 1. mere, 2. burden, 3. endless, 4. exciting, 5. possibility, 6. norm, 7. crucial, 8. nonspecific, 9. experiment, 10. paradigm, 11. engineer, 12. particle

13. di____t ancestors *adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship
14. cost ba____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
15. fas_____ng energy drink *adj.* describing a substance or product that works rapidly, quickly producing the desired effect or result
16. lymphatic cir_____on *n.* the movement of blood through the body or of a fluid through a system; the number of copies of a newspaper or magazine that are sold
17. am____g advances *adj.* extremely surprising, especially in a way that you like or admire
18. cir_____on of money *n.* the movement of blood through the body or of a fluid through a system; the number of copies of a newspaper or magazine that are sold
19. b__d the man's hands *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
20. ur__e composition *n.* a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate
21. m__e acquaintance *adj.* used to emphasize how insignificant or minor someone or something is

ANSWERS: 13. distant, 14. barrier, 15. fast-acting, 16. circulation, 17. amazing, 18. circulation, 19. bind, 20. urine, 21. mere

22. st___y situation *adj.* made of or covered with an adhesive substance; hot or warm and humid
23. g__e stick *n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials
24. pr_____e the amendment *v.* to make a proposal, declare a plan for something
25. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
26. sp___l injury *adj.* of or relating to the spine (= the long bone in the body's back)
27. com_____on of foods on a caloric basis *n.* the consideration or examination of the similarities between two or more people or things
28. part of the he_____g process *n.* the process of becoming or making somebody or something well again
29. li_____ng doubts *adj.* continuing for a long time; persistent; remaining in a place or situation for longer than is usual or necessary; unwilling to leave
30. pr_____y school *adj.* first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle
31. enc_____te the message *v.* to enclose or envelop something within a capsule or a membrane; to express or summarize the essence or core of something in a condensed form

ANSWERS: 22. sticky, 23. glue, 24. propose, 25. excite, 26. spinal, 27. comparison, 28. healing, 29. lingering, 30. primary, 31. encapsulate

32. 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
33. en____s possibilities *adj.* having no end or conclusion; infinitely very large in size or amount
34. a di____t memory *adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship
35. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
36. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
37. pr____y education *adj.* first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle
38. li_____ng illness *adj.* continuing for a long time; persistent; remaining in a place or situation for longer than is usual or necessary; unwilling to leave
39. high imp_____ce *n.* the quality of being important and worthy of note
40. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh

ANSWERS: 32. cancer, 33. endless, 34. distant, 35. brain, 36. opportune, 37. primary, 38. lingering, 39. importance, 40. mimic

41. Doppler sh__t *n.* a slight transition in position, direction, or trend
42. aluminum nan_____cle *n.* a particle of matter that is between 1 and 100 nanometres (nm) in diameter
43. electrical c__d *n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
44. natural he_____g ability *n.* the process of becoming or making somebody or something well again
45. diagnosed in_____ly as a tumor *adv.* at the beginning; at first
46. 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)
47. 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
48. follow the tr__l *n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind
49. Al_____er's brain *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

ANSWERS: 41. shift, 42. nanoparticle, 43. cord, 44. healing, 45. initially, 46. inject, 47. process, 48. trail, 49. Alzheimer

50. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
51. the _____ic administration *adj.* relating to or involved in the treatment of illness or injury
52. a mod_____ion of last year's model *n.* the act of changing something, usually to improve it, or something changed
53. em___e as a butterfly *v.* to move out of or away from something and become visible
54. 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
55. a fatal in___y *n.* harm done to a person's or an animal's body caused by an accident or an attack
56. vi_____y in the law court *n.* success in a game, competition, election, or battle, or the knowledge that you have won
57. ag__t system *n.* a person who represents and negotiates on behalf of someone else, such as a literary agent or talent agent; (of chemistry and medicine) a substance that brings about a chemical or physical effect; (of computer science) a piece of software that performs a task autonomously
58. enc_____te the essence *v.* to enclose or envelop something within a capsule or a membrane; to express or summarize the essence or core of something in a condensed form

ANSWERS: 50. molecule, 51. therapeutic, 52. modification, 53. emerge, 54. disease, 55. injury, 56. victory, 57. agent, 58. encapsulate

59. s__g attitude *adj.* excessively pleased with oneself; self-righteously complacent
60. brain and sp___l cord *adj.* of or relating to the spine (= the long bone in the body's back)
61. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
62. mi__c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
63. 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
64. spinal c__d *n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
65. tu__r at remote sites *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
66. pa___l car *n.* the act of guarding an area or conducting surveillance of an area to maintain order, perform security functions, or prevent crime; a group of officers or soldiers that conducts such an operation
67. co_____e an essay *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

ANSWERS: 59. smug, 60. spinal, 61. brain, 62. mimic, 63. patient, 64. cord, 65. tumor, 66. patrol, 67. compose

68. border pa___l *n.* the act of guarding an area or conducting surveillance of an area to maintain order, perform security functions, or prevent crime; a group of officers or soldiers that conducts such an operation
69. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
70. th_____y for a patient *n.* the act of caring for someone through medication, remedial training, etc.
71. pa_____le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
72. at___h firmly *v.* to fasten, join, or connect one thing to another
73. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
74. 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
75. major paradigm sh__t *n.* a slight transition in position, direction, or trend
76. 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

ANSWERS: 68. patrol, 69. decide, 70. therapy, 71. particle, 72. attach, 73. represent, 74. immune, 75. shift, 76. chemotherapy

77. provide a ve_____le solution *adj.* able to do many things in different fields; having many talents
78. 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
79. ease of com_____on *n.* the consideration or examination of the similarities between two or more people or things
80. blo_____am in an artery *n.* the blood flowing through the body
81. at_____te the change to their marriage *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;
82. a man of imp_____ce *n.* the quality of being important and worthy of note
83. bu____n of disease *n.* a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry
84. 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
85. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
86. at_____te directly to sales *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

ANSWERS: 77. versatile, 78. cancer, 79. comparison, 80. bloodstream, 81. attribute, 82. importance, 83. burden, 84. urine, 85. colleague, 86. attribute

87. pos_____ty for growth *n.* a chance that something may happen or be true
88. b__d old letters into a bundle *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
89. Al_____er's risk factors *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
90. 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
91. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager
92. bio_____al assay *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
93. cultural pa_____gm *n.* a standard or typical example of something; a pattern or model
94. ba___y play *adj.* marked by boldness, courage, or nerve; daring or audacious, often to the point of being aggressive or pushy
95. the_____ic massage *adj.* relating to or involved in the treatment of illness or injury
96. an easy de_____ry *n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth

ANSWERS: 87. possibility, 88. bind, 89. Alzheimer, 90. immune, 91. excite, 92. biomedical, 93. paradigm, 94. ballsy, 95. therapeutic, 96. delivery

97. bo__d up a staircase *v.* to move forward by leaps and bounds; to form the boundary of something
98. li__d metabolism *n.* any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells
99. write him an answer imm_____ly *adv.* now or without delay
100. special de_____ry *n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth
101. imm_____ly recall a product *adv.* now or without delay
102. at___h a file to an e-mail *v.* to fasten, join, or connect one thing to another
103. nuclear me_____ne *n.* a soft, thin layer that forms animal or vegetable tissue
104. acc_____te evidence *v.* to collect or acquire a large number of things over a long period of time
105. cl_____al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
106. co_____e my thoughts *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
107. fas_____ng insulin *adj.* describing a substance or product that works rapidly, quickly producing the desired effect or result
108. blo_____am to the brain *n.* the blood flowing through the body

ANSWERS: 97. bound, 98. lipid, 99. immediately, 100. delivery, 101. immediately, 102. attach, 103. membrane, 104. accumulate, 105. clinical, 106. compose, 107. fast-acting, 108. bloodstream

109. participate in cl____al trials *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
110. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
111. information ba____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
112. blood li__d profile *n.* any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells
113. cell me____nes *n.* a soft, thin layer that forms animal or vegetable tissue
114. field of gene th____y *n.* the act of caring for someone through medication, remedial training, etc.
115. 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
116. in a s__g manner *adj.* excessively pleased with oneself; self-righteously complacent
117. ba____y attitude *adj.* marked by boldness, courage, or nerve; daring or audacious, often to the point of being aggressive or pushy

ANSWERS: 109. clinical, 110. revolution, 111. barrier, 112. lipid, 113. membrane, 114. therapy, 115. process, 116. smug, 117. ballsy

118. em___e from poverty *v.* to move out of or away from something and become visible
119. acc_____te cash value *v.* to collect or acquire a large number of things over a long period of time
120. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
121. in_____ly anticipated *adv.* at the beginning; at first
122. a warm tr__l *n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind
123. small mo_____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
124. further mod_____ion *n.* the act of changing something, usually to improve it, or something changed
125. without in___y *n.* harm done to a person's or an animal's body caused by an accident or an attack
126. 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
127. 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

ANSWERS: 118. emerge, 119. accumulate, 120. opportune, 121. initially, 122. trail, 123. molecule, 124. modification, 125. injury, 126. patient, 127. develop

128. di____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
129. tu__r growth *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
130. bo__ded with delight *v.* to move forward by leaps and bounds; to form the boundary of something
131. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
132. st___y weather *adj.* made of or covered with an adhesive substance; hot or warm and humid
133. pr_____e changes *v.* to make a proposal, declare a plan for something
134. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
135. ex_____ng football player *adj.* causing a lot of interest or excitement
136. cutting-edge bio_____al *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
137. 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
138. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 128. disease, 129. tumor, 130. bound, 131. experiment, 132. sticky, 133. propose, 134. colleague, 135. exciting, 136. biomedical, 137. chemotherapy, 138. engineer

139. cr____l information *adj.* extremely vital or necessary
140. vi____y over terrorism *n.* success in a game, competition, election, or battle, or the knowledge that you have won
141. epoxy g__e *n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials
142. 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
143. non____ic antibody *adj.* not specific or detailed; lacking precise definition or differentiation; not limited to a particular thing, person, or situation
144. the most am____g feeling *adj.* extremely surprising, especially in a way that you like or admire
145. 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)
146. de____e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
147. beginning of the industrial
rev____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
148. cultural n__m *n.* something that is regarded as usual, typical, or standard

ANSWERS: 139. crucial, 140. victory, 141. glue, 142. develop, 143. nonspecific, 144. amazing, 145. inject, 146. decide, 147. revolution, 148. norm

149. a ve_____le writer
150. antidiarrheal ag__t
151. atmospheric nan_____cle
152. re_____nt by a diagram
- adj.* able to do many things in different fields; having many talents
- n.* a person who represents and negotiates on behalf of someone else, such as a literary agent or talent agent; (of chemistry and medicine) a substance that brings about a chemical or physical effect; (of computer science) a piece of software that performs a task autonomously
- n.* a particle of matter that is between 1 and 100 nanometres (nm) in diameter
- v.* to speak, act, or be present on behalf of another person or group; to form or constitute

ANSWERS: 149. versatile, 150. agent, 151. nanoparticle, 152. represent

Session 3: Fill in the Blanks

1. The FBI _____ went undercover to infiltrate the criminal organization.
n. a person who represents and negotiates on behalf of someone else, such as a literary agent or talent agent; (of chemistry and medicine) a substance that brings about a chemical or physical effect; (of computer science) a piece of software that performs a task autonomously

2. I want to _____ a toast in honor of our longstanding relationship.
v. to make a proposal, declare a plan for something

3. The storm left a _____ of destruction behind it.
n. a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind

4. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose

5. 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

6. 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

7. He looked out the window at the _____ stream of people.
adj. having no end or conclusion; infinitely very large in size or amount

ANSWERS: 1. agent, 2. propose, 3. trail, 4. opportune, 5. chemotherapy, 6. cancer, 7. endless

8. The _____ of getting the disease will drastically increase.
n. a chance that something may happen or be true
9. The company's rules _____ the employee's working hours.
v. to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
10. 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
11. The revitalization of technology companies is _____ to the country's growth.
adj. extremely vital or necessary
12. The surgeon carefully confirmed how to remove the tumor to avoid damaging the _____ nerves.
adj. of or relating to the spine (= the long bone in the body's back)
13. Each ancient tribe has its _____ traditions.
n. the process of becoming or making somebody or something well again
14. This train departed later than _____ scheduled.
adv. at the beginning; at first
15. I stopped by the branch though I have no business of _____.
n. the quality of being important and worthy of note
16. The structure is _____ of three main components.
v. to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

ANSWERS: 8. possibility, 9. bind, 10. immune, 11. crucial, 12. spinal, 13. healing, 14. initially, 15. importance, 16. composed

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

adv. now or without delay

18. I've included the two designs for a _____.

n. the consideration or examination of the similarities between two or more people or things

19. 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

20. She received special _____ training at the hospital.

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

21. Could you help me _____ some furniture?

n. a slight transition in position, direction, or trend

22. 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

23. 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: 17. immediately, 18. comparison, 19. develop, 20. clinical, 21. shift, 22. urine, 23. process

24. He _____ the disappointing results to the economic downturn.
v. to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;
25. My accidental _____ got better right away.
n. harm done to a person's or an animal's body caused by an accident or an attack
26. The highway _____ officer pulled over the speeding vehicle on the freeway.
n. the act of guarding an area or conducting surveillance of an area to maintain order, perform security functions, or prevent crime; a group of officers or soldiers that conducts such an operation
27. The carpenter applied _____ to the cabinet joints before nailing them together.
n. a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials
28. He's a _____ actor who has acted in various parts.
adj. able to do many things in different fields; having many talents
29. He postulated a completely different _____ to explain all these phenomena.
n. a standard or typical example of something; a pattern or model
30. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
31. As a result of this _____ we have revised our safety measures.
n. the act of changing something, usually to improve it, or something changed

ANSWERS: 24. attributes, 25. injury, 26. patrol, 27. glue, 28. versatile, 29. paradigm, 30. experiments, 31. modification,

32. The _____ smell of smoke clung to his clothes even after he left the campfire.

adj. continuing for a long time; persistent; remaining in a place or situation for longer than is usual or necessary; unwilling to leave

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

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

34. Cancer cells are often carried throughout the body by the _____.

n. the blood flowing through the body

35. The _____ medication provided immediate relief for my migraine headache.

adj. describing a substance or product that works rapidly, quickly producing the desired effect or result

36. My grandmother has _____ disease requires special care and attention from her caregivers.

n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

37. 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

38. The news of her promotion _____ her.

v. to make someone feel suddenly enthusiastic or eager

39. The _____ of the magazine has been steadily declining.

n. the movement of blood through the body or of a fluid through a system; the number of copies of a newspaper or magazine that are sold

ANSWERS: 32. lingering, 33. therapy, 34. bloodstream, 35. fast-acting, 36. Alzheimer's, 37. tumor, 38. excited, 39. circulation

40. Loud noises might harm the fragile ear _____.
- n.* a soft, thin layer that forms animal or vegetable tissue
41. Omega-3 fatty acids, found in foods like fish and nuts, are a type of _____ that is good for heart health.
- n.* any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells
42. She felt _____ about her performance in the competition.
- adj.* excessively pleased with oneself; self-righteously complacent
43. Yoga is known to have _____ benefits for the mind and body.
- adj.* relating to or involved in the treatment of illness or injury
44. The _____ will repair my telephone tomorrow morning.
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
45. The _____ truck arrived with the packages.
- n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth
46. The golfer recorded an _____ distance.
- adj.* extremely surprising, especially in a way that you like or admire
47. He is very popular at school because he can _____ all the teachers' accents.
- v.* to imitate someone's speech, movement, or behavior, especially to make others laugh

ANSWERS: 40. membrane, 41. lipid, 42. smug, 43. therapeutic, 44. engineer, 45. delivery, 46. amazing, 47. mimic

48. The _____ by the citizen resulted in a redistribution of wealth.
- n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
49. He does not _____ importance to these rumors.
- v.* to fasten, join, or connect one thing to another
50. We elected him to _____ us at the international conference.
- v.* to speak, act, or be present on behalf of another person or group; to form or constitute
51. The findings of the experiment were both _____ and unexpected.
- adj.* causing a lot of interest or excitement
52. We are optimistic about our final _____.
- n.* success in a game, competition, election, or battle, or the knowledge that you have won
53. The systems we have developed has accepted as industry _____.
- n.* something that is regarded as usual, typical, or standard
54. Your spinal _____ is located deep within your body.
- n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
55. We can calculate the position of the _____ statistically.
- n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance

ANSWERS: 48. revolution, 49. attach, 50. represent, 51. exciting, 52. victory, 53. norms, 54. cord, 55. particles

56. _____ engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.

adj. relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

57. The sun set over the crest of _____ hills.

adj. far away in space, time, or where you are; far apart in relevance, relationship, or kinship

58. 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)

59. The patient complained of _____ pain in their lower abdomen.

adj. not specific or detailed; lacking precise definition or differentiation; not limited to a particular thing, person, or situation

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. He has _____ his wealth through real estate investments.

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

62. He lost the election by _____ votes.

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

63. The actress's _____ move to turn down the leading role in the blockbuster paid off when she won an Oscar for her smaller, riskier role.

adj. marked by boldness, courage, or nerve; daring or audacious, often to the point of being aggressive or pushy

ANSWERS: 56. Biomedical, 57. distant, 58. inject, 59. nonspecific, 60. patient's, 61. accumulated, 62. mere, 63. ballsy

64. The _____ cause of the accident was due to the icy road conditions.

adj. first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle

65. X-rays revealed a small tumor in his _____.

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

66. During colonial eras, new migratory patterns _____.

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

67. She couldn't _____ whether to order the pizza or the pasta for dinner.

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

68. I decided to seek counseling on the advice of my _____.

n. one of a group of a coworker, especially in a profession or a business

69. 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

70. The movie can _____ the book's spirit, bringing it to life on screen.

v. to enclose or envelop something within a capsule or a membrane; to express or summarize the essence or core of something in a condensed form

71. The shape of the DNA _____ is a double helix.

n. a group of two or more atoms held together by attractive forces known as chemical bonds

ANSWERS: 64. primary, 65. brain, 66. emerged, 67. decide, 68. colleague, 69. disease, 70. encapsulate, 71. molecule

72. That car has a low environmental _____.

- n.* a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry

73. The police placed a _____ across the street to halt traffic.

- n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

74. Canada _____ on the United States.

- v.* to move forward by leaps and bounds; to form the boundary of something

75. For some creatures, carbon _____ are deadly.

- n.* a particle of matter that is between 1 and 100 nanometres (nm) in diameter

76. A peculiar _____ material coated the foliage.

- adj.* made of or covered with an adhesive substance; hot or warm and humid

ANSWERS: 72. burden, 73. barrier, 74. bounds, 75. nanoparticles, 76. sticky