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Vocabulary Builder Reference from...

Tim Smith: Big Data | TED Talk

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All Words

IMPORTANT

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Session 1: Word List

elusive

adj. difficult to find, define, achieve, or remember

synonym: mysterious, ambiguous, inapproachable

(1) an **elusive** criminal, (2) track down an **elusive** fact

The physicist who found the **elusive** particle won the Nobel Prize.

concept

n. an idea or principle associated with something abstract

synonym: idea, notion, vision

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

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

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.

digital

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

synonym: numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature

Sensors convert physical phenomena into **digital** signals.

uncomfortable

adj. providing or feeling physical discomfort or slight pain
synonym : comfortless, discomforting, painful

(1) an **uncomfortable** silence, (2) with an **uncomfortable** face

His abusive words made me **uncomfortable**.

transport

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

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

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

analyze

v. to think about in-depth and evaluate to discover essential features or meaning

synonym : explore, examine, investigate

(1) **analyze** a chemical compound, (2) **analyze** your real motives

The teacher attempted to **analyze** the root cause of our mistake.

voluminous

adj. large in volume or bulk

synonym : large, bulky, spacious

(1) **voluminous** work, (2) **voluminous** data

The manuscript was **voluminous**, spanning several hundred pages.

overwhelm

v. to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody

synonym : conquer, crush, dominate

(1) he was **overwhelmed** with gratitude, (2) **overwhelm** opponents by numbers

Too much variety may **overwhelm** and confuse viewers.

storage

n. the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

synonym : storehouse, depository, warehousing

(1) a **storage** battery, (2) **storage** at low temperature

We store customer data in cloud **storage**.

technique

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

synonym : approach, procedure, strategy

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

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

physicist

n. a scientist who specializes in the field of physics

(1) talented **physicist**, (2) theoretical **physicist**

Einstein was an outstanding and famous **physicist** of the 20th century.

expand

v. to increase or to make something greater in size, number, or importance

synonym : extend, grow, boost

(1) **expand** a lineup, (2) **expand** agricultural output

They hope to **expand** their business worldwide.

mainframe

n. a large and powerful computer with a lot of memory used primarily by large organizations for critical applications

(1) **mainframe** computer, (2) **mainframe** operating system

IBM has consistently been a significant supplier of **mainframes** for a long time.

enormous

adj. extremely large or great

synonym : huge, giant, gigantic

(1) **enormous** amount, (2) **enormous** potential

Shakespeare's output of poetry was **enormous**.

distribute

v. to give something to a large number of individuals, or to spread or furnish something

synonym: broadcast, disperse, hand out

(1) **distribute** wealth evenly, (2) **distribute** video content

His estate was **distributed** to his sons.

mushroom

n. a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap

synonym: fungus, toadstool

(1) **mushroom** spores, (2) **mushroom** cultivation

The **mushroom** risotto was delicious, but I couldn't identify all the mushrooms in it.

dedicate

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

synonym: consecrate, devote, commit

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

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

homegrown

adj. grown or produced locally rather than imported from another area

synonym: indigenous, local, native

(1) **homegrown** talent, (2) **homegrown** produce

The restaurant prides itself on its **homegrown** ingredients sourced from local farms.

collaborate

v. to work with someone else to produce or achieve something

synonym: cooperate, unite, get together

(1) **collaborate** with the police, (2) **collaborate** on a press release

She agreed to **collaborate** with him in creating new artwork.

regard

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

synonym: consider, see, reckon

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

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

boundary

n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places

synonym: border, frontier, limitation

(1) geographical **boundary**, (2) the **boundary** between reality and fantasy

He wandered the **boundary** between life and death by gunfire.

independence

n. freedom from another's or others' control or influence

synonym: freedom, liberty, autonomy

(1) financial **independence**, (2) **independence** ceremony

There is nothing more valuable than **independence** and freedom.

dialect

n. a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics

synonym: accent, language, vernacular

(1) a local **dialect**, (2) minority **dialect**

The **dialect** spoken in the region differed from other parts of the country.

statistics

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

(1) **statistics** for cancer, (2) official **statistics**

The **statistics** demonstrate that poverty and unemployment are genuine problems.

torturous

adj. causing extreme physical or mental pain or suffering; marked by or involving a slow, painful, or tortuous

process or experience

synonym : agonizing, grueling, tormenting

(1) **torturous** journey, (2) **torturous** process

The **torturous** hike through the dense jungle tested our endurance.

adopt

v. to choose to follow something; to legally take a child from another family and care for them as if they were one's own

synonym : accept, assume, take on

(1) **adopt** a child, (2) **adopt** a bill

The national assembly has **adopted** the budget.

fledgling

n. water creatures that live in shells, especially one of the types that can be eaten

synonym : beginner, novice, neophyte

(1) **fledgling** company, (2) **fledgling** birds

The current economic situation is especially tough for **fledgling** businesses.

principal

adj. most important, main, or chief

synonym : main, leading, chief

(1) **principal** actor, (2) **principal** responsible

The **principal** reason for the company's success is its innovative products.

byte

n. a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code

(1) **byte** code, (2) **byte** array

The computer hard drive had plenty of storage space but was running low on available **bytes**.

remotely

adv. at a distance; not directly or easily accessible

synonym : distantly, remotely, slightly

(1) **remotely** operate, (2) control **remotely**

The company can **remotely** access its employees' computers for troubleshooting purposes.

institute

n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

synonym: academy, university, college

(1) **institute** a lawsuit, (2) research **institutes**

This region has many **institutes** offering higher education.

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**.

transform

v. to change in outward structure or looks;

synonym: alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

communicate

v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

synonym: convey, share, transmit

(1) **communicate** his anxieties to the psychiatrist,

(2) **communicate** well with my advisor

Dolphins use sound to **communicate** with each other.

outstrip

v. to exceed or surpass a particular, measurable quality or attribute, such as speed, efficiency, or quality

synonym: outdo, surpass, exceed

(1) **outstrip** competitors, (2) **outstrip** population growth

The company's sales have **outstripped** expectations for the quarter.

employ

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

synonym: hire, engage, use

(1) **employ** job seekers, (2) **employ** a new method

When making arrests, police officers frequently **employ** excessive force.

compute

v. to make a mathematical calculation

synonym: calculate

(1) **compute** an average score, (2) **compute** the value

I tried to **compute** the efficiency of the investment.

orchestrate

v. to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music

synonym: plan, coordinate, arrange

(1) **orchestrate** a takeover, (2) **orchestrate** the political reinstatement

He carefully **orchestrated** the details of his business plan.

interconnect

v. to connect similar things

synonym: interlink, connect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

diverse

adj. including numerous categories of individuals or entities; various

synonym: manifold, various, myriad

(1) **diverse** backgrounds, (2) a person of **diverse** talents

New York is a city with a **diverse** ethnic population.

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.

grid

n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

synonym: gridiron, battery grid, power system

(1) a **grid** design, (2) a wire **grid**

Grid pattern roads often appear in urban areas.

seamless

adj. without spaces or breaks between one part and the next

synonym: smooth, continuous, unseamed

(1) enable **seamless** access, (2) **seamless** device connectivity

The service was **seamless**, and the food was quite delicious.

globe

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

synonym: Earth, world, sphere

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

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

rely

v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

synonym: depend, count, lean

(1) **rely** on convenience stores, (2) **rely** entirely on him

Babies heavily **rely** on others for food.

relation

n. the way two persons or groups of people feel and act toward one another

synonym: association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of

inclusion

The industrial **relations** laws were passed with little to no alteration.

mutual

adj. common to or shared by two or more parties

synonym: shared, common, joint

(1) share of a **mutual** fund, (2) **mutual** efforts

They cooperated for their **mutual** benefit.

exchange

v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

synonym: trade, swap, interchange

(1) **exchange** rate, (2) **exchange** a few friendly words

My sister and I frequently **exchange** books, as we love reading.

transfer

v. to move, pass, or change from one person, place, or situation to another

synonym: move, relocate, shift

(1) **transfer** a file, (2) **transfer** power

She **transferred** the money from her savings account to her checking account.

communal

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

synonym: collaborative, combined, collective

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

Communal elections were held in several European countries.

alternative

n. one of two or more available possibilities or choice

synonym: choice, option

(1) an **alternative** plan, (2) there is no other **alternative**
Doctors are gradually coming around to the idea of using **alternative** medicines.

on-demand

adj. available as needed or requested, often referring to products or services that can be accessed or delivered instantly or with minimal delay

synonym : on-request, as-needed, ad-hoc

(1) **on-demand** transportation, (2) **on-demand** delivery
Many consumers prefer **on-demand** streaming services over traditional cable TV.

flourish

v. to grow or develop vigorously or successfully

synonym : boom, advance, succeed

(1) **flourish** economically, (2) **flourish** worldwide
The Ottoman Empire **flourished** for over five centuries.

exploit

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

synonym : use, abuse, control

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

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

paradoxical

adj. seemingly contradictory or absurd because of having two opposite features or facts, though it is probably true

synonym : contradictory, conflicting, perplexing

(1) a **paradoxical** anecdote, (2) apparently **paradoxical**
it is **paradoxical** that the French, who prefer animal foods, live longer than people in other countries.

lab

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

synonym : workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

unimaginable

adj. beyond what can be imagined or conceived; impossible to comprehend or envision

synonym : unthinkable, inconceivable, incredulous

(1) **unimaginable** horror, (2) **unimaginable** depths

The complexity of scientific theories was **unimaginable** for most people.

fundamental

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

synonym : basic, essential, entire

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

Human behavior has **fundamental** characteristics.

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.

interact

v. to communicate or react with somebody

synonym : cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

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.

fleeting

adj. brief or temporary, lasting only a short time

synonym: temporary, brief, transitory

(1) for a **fleeting** moment, (2) **fleeting** opportunity

She savored the **fleeting** happiness she felt during the vacation.

collide

v. to hit something violently when moving

synonym: clash, slam, contradict

(1) **collide** head-on, (2) **collide** in midair

The interests of the two countries **collide**.

proton

n. a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

(1) **proton** decay, (2) **proton** conductivity

The solar wind is composed almost entirely of electrons and **protons**.

accelerate

v. to make something faster or earlier; to cause to develop or progress more quickly

synonym: speed up, quicken, rev

(1) **accelerate** a chemical reaction, (2) **accelerate** the car

The government tried to **accelerate** the commercialization of this development.

capture

v. to catch a person or an animal and confine them in an area which they cannot escape

synonym: catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

trace

v. to find or discover someone or something that was lost

synonym: seek, follow, depict

(1) **trace** a telephone call, (2) **trace** back to medieval times

Let's **trace** the origins of some familiar foreign words.

zoom

v. to move along very quickly; (noun) the act of rising upward into the air

synonym : move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens

He **zoomed** back in time to the soccer game.

detect

v. to find or recognize something, especially something difficult to see, hear, etc.

synonym : catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

massive

adj. enormous amount; very heavy and solid

synonym : enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive** layoffs.

collision

n. an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict

synonym : crash, impact, smash

(1) **collision** detection, (2) come into **collision** with my friend

The **collision** of tectonic plates can result in new mountain ranges, such as the Himalayas or the Alps.

suddenly

adv. quickly and unexpectedly

synonym : abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly**

Who answers **suddenly** knows little.

metaphor

n. a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity

synonym : conceit, analogy, symbol

(1) **metaphor** for death, (2) visual **metaphor**

She expressed her thought in an artful choice of **metaphors**.

relate

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

synonym: connect, link, associate

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

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

spot

n. a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

synonym: dot, mark, place

(1) beauty **spot**, (2) a **spot** on his honor

This remote **spot** is rarely visited.

correlation

n. a statistical relationship between two variables in which one variable is affected by the other; a reciprocal relation between two or more facts, numbers, etc.

synonym: relationship, connection, association

(1) ecological **correlation**, (2) **correlation** coefficient

There is a strong **correlation** between education level and income.

enrich

v. to make better or improve in quality by adding something else

synonym: enhance, improve, augment

(1) **enrich** a gas with a balloon, (2) **enrich** public services

Reading not only increases knowledge but also **enriches** life.

numerous

adj. amounting to a large indefinite number

synonym: many, considerable, countless

(1) **numerous** countries, (2) as **numerous** as the sand

These descriptions are based on a number of **numerous** assumptions.

aspect

n. one part or feature of a situation, problem, subject, etc.
synonym: characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

traffic

n. the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
synonym: congestion, jam, flow

(1) **traffic** jam, (2) heavy **traffic**

We decided to take a detour to avoid the construction **traffic** on the main road.

evolution

n. a gradual process of transformation of living things
synonym: elaboration, expansion, transition

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

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

medical

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

synonym: health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

meteorology

n. the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions

(1) agricultural **meteorology**, (2) marine **meteorology**

He conducted his research at the **meteorology** laboratory using large-scale computing.

predict

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

synonym: forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive

It's notoriously challenging to **predict** birth rates.

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.

trend

n. a general direction in which something is changing or developing

synonym: direction, movement, tendency

(1) an international **trend**, (2) the **trend** away from television

The oil price continued their downward **trend**.

virtually

adv. almost completely

synonym: almost, basically, nearly

(1) **virtually** all countries, (2) **virtually** identical

Virtually all the parties signed the contract.

span

n. the entire length of something, such as time or space from beginning to end; the amount of space that something covers

synonym: interval, period, length

(1) the **span** of a bird's wings, (2) the average life **span**

He slightly modified the **span** of training because it was just before a match.

archives

n. a collection of historical documents or records providing information about a place, institution, or group of people

synonym: records, documents, repository

(1) historical **archives**, (2) digital **archives**

The **archives** at the library contain a wealth of information about the city's history.

invention

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

synonym: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

vast

adj. enormous in size, number, amount, or quantity

synonym: expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

decision

n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

synonym: choice, determination, judgment

(1) **decision** authority, (2) a selfish **decision**

She was struggling to make a **decision** between two job offers.

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.

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.

desire

n. a strong feeling of wanting to have or do something

synonym: ambition, appetite, greed

(1) unsatisfied **desire**, (2) fleshly **desire**

Low sexual **desire** typically correlates with low testosterone levels.

Session 2: Spelling

1. di____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
2. nu____us countries *adj.* amounting to a large indefinite number
3. as nu____us as the sand *adj.* amounting to a large indefinite number
4. ev_____on theory *n.* a gradual process of transformation of living things
5. pa____le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
6. a par_____al anecdote *adj.* seemingly contradictory or absurd because of having two opposite features or facts, though it is probably true
7. en____us potential *adj.* extremely large or great
8. su____ly attacked by an enemy *adv.* quickly and unexpectedly
9. terrestrial gl__e *n.* the earth or world, mainly used to emphasize its vastness
10. track down an el_____e fact *adj.* difficult to find, define, achieve, or remember
11. theoretical ph_____st *n.* a scientist who specializes in the field of physics

ANSWERS: 1. digital, 2. numerous, 3. numerous, 4. evolution, 5. particle, 6. paradoxical, 7. enormous, 8. suddenly, 9. globe, 10. elusive, 11. physicist

- | | |
|-------------------------------------|---|
| 12. official sta_____cs | <i>n.</i> the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data |
| 13. pr_____al responsible | <i>adj.</i> most important, main, or chief |
| 14. human ev_____on | <i>n.</i> a gradual process of transformation of living things |
| 15. v__t majority | <i>adj.</i> enormous in size, number, amount, or quantity |
| 16. the tr__d away from television | <i>n.</i> a general direction in which something is changing or developing |
| 17. co_____al combination of funds | <i>adj.</i> belonging to or used by a group rather than individuals; for common use |
| 18. di_____e backgrounds | <i>adj.</i> including numerous categories of individuals or entities; various |
| 19. dis_____te wealth evenly | <i>v.</i> to give something to a large number of individuals, or to spread or furnish something |
| 20. an alt_____ve plan | <i>n.</i> one of two or more available possibilities or choice |
| 21. co_____e the value | <i>v.</i> to make a mathematical calculation |
| 22. minority di_____t | <i>n.</i> a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics |
| 23. the in_____on of new techniques | <i>n.</i> the creation of a new device or process resulting from study and experimentation; the act of inventing |
| 24. the average life s__n | <i>n.</i> the entire length of something, such as time or space from beginning to end; the amount of space that something covers |

ANSWERS: 12. statistics, 13. principal, 14. evolution, 15. vast, 16. trend, 17. communal, 18. diverse, 19. distribute, 20. alternative, 21. compute, 22. dialect, 23. invention, 24. span

25. acc_____te the car *v.* to make something faster or earlier; to cause to develop or progress more quickly
26. the s__n of a bird's wings *n.* the entire length of something, such as time or space from beginning to end; the amount of space that something covers
27. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
28. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
29. heavy tr_____c *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
30. de_____te a chapter to the subject *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
31. ex_____t a valuable opportunity *v.* to make full use of and gain an advantage from resources, opportunities, etc.
32. 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
33. en____h public services *v.* to make better or improve in quality by adding something else

ANSWERS: 25. accelerate, 26. span, 27. transport, 28. colleague, 29. traffic, 30. dedicate, 31. exploit, 32. disease, 33. enrich

34. com_____te his anxieties to the psychiatrist
v. to share or exchange information with others by speaking, writing, moving your body, or using other signals
35. access to public tr_____rt
n. a system for moving people or products from one location to another using automobiles, roads, and so on
36. the te_____ue applied to construction
n. a particular way or art of doing something that needs skill
37. the characters that re_____nt numbers
v. to speak, act, or be present on behalf of another person or group; to form or constitute
38. col_____te with the police
v. to work with someone else to produce or achieve something
39. an el_____e criminal
adj. difficult to find, define, achieve, or remember
40. se_____ss device connectivity
adj. without spaces or breaks between one part and the next
41. re_____on between cause and effect
n. the way two persons or groups of people feel and act toward one another
42. visual me_____or
n. a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity
43. human activities int_____ect with the environment
v. to connect similar things
44. marine met_____gy
n. the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions

ANSWERS: 34. communicate, 35. transport, 36. technique, 37. represent, 38. collaborate, 39. elusive, 40. seamless, 41. relation, 42. metaphor, 43. interconnect, 44. meteorology

45. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
46. re___e a story *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
47. tr_____c jam *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
48. co_____on detection *n.* an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict
49. re___d him as an enemy *v.* to think about or consider somebody or something in a specified way
50. me_____or for death *n.* a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity
51. enable se_____ss access *adj.* without spaces or breaks between one part and the next
52. fl_____sh economically *v.* to grow or develop vigorously or successfully
53. uni_____ble depths *adj.* beyond what can be imagined or conceived; impossible to comprehend or envision
54. r__y on convenience stores *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

ANSWERS: 45. zoom, 46. relate, 47. traffic, 48. collision, 49. regard, 50. metaphor, 51. seamless, 52. flourish, 53. unimaginable, 54. rely

55. ma_____me operating system *n.* a large and powerful computer with a lot of memory used primarily by large organizations for critical applications
56. directly int_____ect with those systems *v.* to connect similar things
57. z__m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
58. a wire g__d *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
59. an unc_____ble silence *adj.* providing or feeling physical discomfort or slight pain
60. around the gl__e *n.* the earth or world, mainly used to emphasize its vastness
61. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
62. co_____e an average score *v.* to make a mathematical calculation
63. orc_____te the political reinstatement *v.* to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music
64. acc_____te a chemical reaction *v.* to make something faster or earlier; to cause to develop or progress more quickly
65. cor_____on coefficient *n.* a statistical relationship between two variables in which one variable is affected by the other; a reciprocal relation between two or more facts, numbers, etc.

ANSWERS: 55. mainframe, 56. interconnect, 57. zoom, 58. grid, 59. uncomfortable, 60. globe, 61. analyze, 62. compute, 63. orchestrate, 64. accelerate, 65. correlation

66. a selfish de_____on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
67. control re_____ly *adv.* at a distance; not directly or easily accessible
68. fl_____ng birds *n.* water creatures that live in shells, especially one of the types that can be eaten
69. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
70. to_____us journey *adj.* causing extreme physical or mental pain or suffering; marked by or involving a slow, painful, or tortuous process or experience
71. agricultural met_____gy *n.* the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions
72. talented ph_____st *n.* a scientist who specializes in the field of physics
73. di_____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
74. ho_____wn produce *adj.* grown or produced locally rather than imported from another area
75. a di_____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

ANSWERS: 66. decision, 67. remotely, 68. fledgling, 69. capture, 70. torturous, 71. meteorology, 72. physicist, 73. diagnose, 74. homegrown, 75. digital

76. uni_____ble horror *adj.* beyond what can be imagined or conceived; impossible to comprehend or envision
77. unsatisfied de___e *n.* a strong feeling of wanting to have or do something
78. v__t desert *adj.* enormous in size, number, amount, or quantity
79. em___y a new method *v.* to give somebody a job and pay them for it; to make use of
80. ex___d agricultural output *v.* to increase or to make something greater in size, number, or importance
81. ad__t a bill *v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own
82. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
83. historical ar_____es *n.* a collection of historical documents or records providing information about a place, institution, or group of people
84. on_____nd transportation *adj.* available as needed or requested, often referring to products or services that can be accessed or delivered instantly or with minimal delay
85. ho_____wn talent *adj.* grown or produced locally rather than imported from another area
86. financial ind_____nce *n.* freedom from another's or others' control or influence
87. a st_____e battery *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

ANSWERS: 76. unimaginable, 77. desire, 78. vast, 79. employ, 80. expand, 81. adopt, 82. detect, 83. archives, 84. on-demand, 85. homegrown, 86. independence, 87. storage

- | | | |
|---------------------------------------|------|--|
| 88. col_____te on a press release | v. | to work with someone else to produce or achieve something |
| 89. com_____te well with my advisor | v. | to share or exchange information with others by speaking, writing, moving your body, or using other signals |
| 90. fun_____al rights | adj. | forming an essential base or core from which everything else develops or is affected |
| 91. ca_____e a glimpse | v. | to catch a person or an animal and confine them in an area which they cannot escape |
| 92. collaborate with co_____ues | n. | one of a group of a coworker, especially in a profession or a business |
| 93. ou_____ip population growth | v. | to exceed or surpass a particular, measurable quality or attribute, such as speed, efficiency, or quality |
| 94. re_____on of inclusion | n. | the way two persons or groups of people feel and act toward one another |
| 95. in_____e a high degree of risk | v. | to include or affect someone or something as a necessary part of something else |
| 96. pr_____n conductivity | n. | a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms |
| 97. in_____ct directly with customers | v. | to communicate or react with somebody |
| 98. die su_____ly | adv. | quickly and unexpectedly |
| 99. in_____ct with one another | v. | to communicate or react with somebody |

ANSWERS: 88. collaborate, 89. communicate, 90. fundamental, 91. capture, 92. colleague, 93. outstrip, 94. relation, 95. involve, 96. proton, 97. interact, 98. suddenly, 99. interact

100. ex_____t a security hole *v.* to make full use of and gain an advantage from resources, opportunities, etc.
101. a person of di_____e talents *adj.* including numerous categories of individuals or entities; various
102. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
103. re____d the situation as unfortunate *v.* to think about or consider somebody or something in a specified way
104. tr_____m heat into power *v.* to change in outward structure or looks;
105. ad__t a child *v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own
106. im_____e the test score *v.* to make or become better
107. mu_____om cultivation *n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
108. tr_____m an education system *v.* to change in outward structure or looks;
109. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
110. b__e array *n.* a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code
111. fl_____sh worldwide *v.* to grow or develop vigorously or successfully

ANSWERS: 100. exploit, 101. diverse, 102. medical, 103. regard, 104. transform, 105. adopt, 106. improve, 107. mushroom, 108. transform, 109. statistics, 110. byte, 111. flourish

112. 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
113. de____te a few hours *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
114. tr____er a file *v.* to move, pass, or change from one person, place, or situation to another
115. vol____us work *adj.* large in volume or bulk
116. geographical bo____ry *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
117. an international tr__d *n.* a general direction in which something is changing or developing
118. to____us process *adj.* causing extreme physical or mental pain or suffering; marked by or involving a slow, painful, or tortuous process or experience
119. fun____al education *adj.* forming an essential base or core from which everything else develops or is affected
120. ma____e stars *adj.* enormous amount; very heavy and solid
121. dis____te video content *v.* to give something to a large number of individuals, or to spread or furnish something

ANSWERS: 112. develop, 113. dedicate, 114. transfer, 115. voluminous, 116. boundary, 117. trend, 118. torturous, 119. fundamental, 120. massive, 121. distribute

122. st_____e at low temperature *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
123. ou_____ip competitors *v.* to exceed or surpass a particular, measurable quality or attribute, such as speed, efficiency, or quality
124. vi_____ly identical *adv.* almost completely
125. ex_____ge a few friendly words *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
126. re_____e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
127. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill
128. em_____y job seekers *v.* to give somebody a job and pay them for it; to make use of
129. vi_____ly all countries *adv.* almost completely
130. tr_____er power *v.* to move, pass, or change from one person, place, or situation to another

ANSWERS: 122. storage, 123. outstrip, 124. virtually, 125. exchange, 126. relate, 127. technique, 128. employ, 129. virtually, 130. transfer

131. 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
132. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
133. charged pa____le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
134. ex____ge rate *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
135. a s__t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
136. mu____l efforts *adj.* common to or shared by two or more parties
137. research in____tes *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
138. ov____lm opponents by numbers *v.* to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody

ANSWERS: 131. develop, 132. lab, 133. particle, 134. exchange, 135. spot, 136. mutual, 137. institute, 138. overwhelm

139. fl____ng opportunity *adj.* brief or temporary, lasting only a short time
140. come into co_____on with my friend *n.* an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict
141. fleshly de____e *n.* a strong feeling of wanting to have or do something
142. ecological cor_____on *n.* a statistical relationship between two variables in which one variable is affected by the other; a reciprocal relation between two or more facts, numbers, etc.
143. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
144. 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
145. as____ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
146. orc_____te a takeover *v.* to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music
147. pr_____al actor *adj.* most important, main, or chief
148. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options

ANSWERS: 139. fleeting, 140. collision, 141. desire, 142. correlation, 143. invention, 144. disease, 145. aspect, 146. orchestrate, 147. principal, 148. decision

149. share of a mu___l fund	<i>adj.</i> common to or shared by two or more parties
150. mu_____om spores	<i>n.</i> a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
151. with an unc_____ble face	<i>adj.</i> providing or feeling physical discomfort or slight pain
152. nontechnical as___ts of the job	<i>n.</i> one part or feature of a situation, problem, subject, etc.
153. pr_____t when she will arrive	<i>v.</i> to state beforehand that something will happen in the future, mainly based on knowledge or experience
154. tr__e a telephone call	<i>v.</i> to find or discover someone or something that was lost
155. co_____al swimming pool	<i>adj.</i> belonging to or used by a group rather than individuals; for common use
156. de___t a bad event	<i>v.</i> to find or recognize something, especially something difficult to see, hear, etc.
157. en___h a gas with a balloon	<i>v.</i> to make better or improve in quality by adding something else
158. apparently par_____al	<i>adj.</i> seemingly contradictory or absurd because of having two opposite features or facts, though it is probably true
159. ind_____nce ceremony	<i>n.</i> freedom from another's or others' control or influence
160. en_____us amount	<i>adj.</i> extremely large or great

ANSWERS: 149. mutual, 150. mushroom, 151. uncomfortable, 152. aspect, 153. predict, 154. trace, 155. communal, 156. detect, 157. enrich, 158. paradoxical, 159. independence, 160. enormous

161. re_____ly operate *adv.* at a distance; not directly or easily accessible
162. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
163. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
164. pr_____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
165. for a fl_____ng moment *adj.* brief or temporary, lasting only a short time
166. on_____nd delivery *adj.* available as needed or requested, often referring to products or services that can be accessed or delivered instantly or with minimal delay
167. pr_____n decay *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
168. beauty s__t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
169. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
170. co_____e in midair *v.* to hit something violently when moving
171. ma_____e amounts *adj.* enormous amount; very heavy and solid

ANSWERS: 161. remotely, 162. diagnose, 163. analyze, 164. predict, 165. fleeting, 166. on-demand, 167. proton, 168. spot, 169. medical, 170. collide, 171. massive

172. a g__d design *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
173. learn new co_____ts *n.* an idea or principle associated with something abstract
174. he was ov_____lmed with gratitude *v.* to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody
175. b__e code *n.* a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code
176. the bo_____ry between reality and fantasy *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
177. vol_____us data *adj.* large in volume or bulk
178. digital ar_____es *n.* a collection of historical documents or records providing information about a place, institution, or group of people
179. ex____d a lineup *v.* to increase or to make something greater in size, number, or importance
180. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
181. there is no other alt_____ve *n.* one of two or more available possibilities or choice
182. co_____t car *n.* an idea or principle associated with something abstract

ANSWERS: 172. grid, 173. concept, 174. overwhelm, 175. byte, 176. boundary, 177. voluminous, 178. archives, 179. expand, 180. lab, 181. alternative, 182. concept

183. ma_____me computer *n.* a large and powerful computer with a lot of memory used primarily by large organizations for critical applications
184. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
185. r__y entirely on him *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
186. im_____e a process *v.* to make or become better
187. co_____e head-on *v.* to hit something violently when moving
188. fl_____ng company *n.* water creatures that live in shells, especially one of the types that can be eaten
189. in_____te a lawsuit *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
190. tr__e back to medieval times *v.* to find or discover someone or something that was lost
191. a local di_____t *n.* a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics
192. in_____e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else

ANSWERS: 183. mainframe, 184. represent, 185. rely, 186. improve, 187. collide, 188. fledgling, 189. institute, 190. trace, 191. dialect, 192. involve

ANSWERS:

Session 3: Fill in the Blanks

1. 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

2. There is nothing more valuable than _____ and freedom.
 - n.* freedom from another's or others' control or influence

3. We _____ our mining resources to strengthen our national power.
 - v.* to make full use of and gain an advantage from resources, opportunities, etc.

4. Enhanced rail _____ is crucial for our business.
 - n.* a system for moving people or products from one location to another using automobiles, roads, and so on

5. it is _____ that the French, who prefer animal foods, live longer than people in other countries.
 - adj.* seemingly contradictory or absurd because of having two opposite features or facts, though it is probably true

6. One such rapidly growing _____ is quantum cryptography.
 - n.* an idea or principle associated with something abstract

7. She expressed her thought in an artful choice of _____.
 - n.* a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity

ANSWERS: 1. develop, 2. independence, 3. exploit, 4. transportation, 5. paradoxical, 6. concept, 7. metaphors

8. Babies heavily _____ on others for food.

- v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

9. This remote _____ is rarely visited.

- n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

10. His abusive words made me _____.

- adj.* providing or feeling physical discomfort or slight pain

11. He slightly modified the _____ of training because it was just before a match.

- n.* the entire length of something, such as time or space from beginning to end; the amount of space that something covers

12. The restaurant prides itself on its _____ ingredients sourced from local farms.

- adj.* grown or produced locally rather than imported from another area

13. The company can _____ access its employees' computers for troubleshooting purposes.

- adv.* at a distance; not directly or easily accessible

14. Frugality and industry are still _____ as virtues.

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

15. It's notoriously challenging to _____ birth rates.

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

ANSWERS: 8. rely, 9. spot, 10. uncomfortable, 11. span, 12. homegrown, 13. remotely, 14. regarded, 15. predict

16. She _____ the money from her savings account to her checking account.
v. to move, pass, or change from one person, place, or situation to another
17. Too much variety may _____ and confuse viewers.
v. to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody
18. The teacher attempted to _____ the root cause of our mistake.
v. to think about in-depth and evaluate to discover essential features or meaning
19. IBM has consistently been a significant supplier of _____ for a long time.
n. a large and powerful computer with a lot of memory used primarily by large organizations for critical applications
20. He carefully _____ the details of his business plan.
v. to plan, coordinate, or arrange something, especially skillfully or cleverly;
(noun) the act of organizing or directing the elements of a composition, especially in music
21. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
n. a workplace for the conduct of scientific research; a laboratory
22. The _____ team worked quickly to save the patient's life.
adj. relating to the treatment of illness or injuries; relating to the practice of medicine
23. _____ elections were held in several European countries.
adj. belonging to or used by a group rather than individuals; for common use
24. Necessity is the mother of _____.
n. the creation of a new device or process resulting from study and experimentation; the act of inventing

ANSWERS: 16. transferred, 17. overwhelm, 18. analyze, 19. mainframes, 20. orchestrated, 21. lab, 22. medical, 23. Communal, 24. invention

25. They cooperated for their _____ benefit.

adj. common to or shared by two or more parties

26. These descriptions are based on a number of _____ assumptions.

adj. amounting to a large indefinite number

27. The security camera has _____ four intruders.

v. to find or recognize something, especially something difficult to see, hear, etc.

28. The solar wind is composed almost entirely of electrons and _____.

n. a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

29. The government tried to _____ the commercialization of this development.

v. to make something faster or earlier; to cause to develop or progress more quickly

30. My father's death _____ my life completely.

v. to change in outward structure or looks;

31. Jockey's superior _____ brought him victory.

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

32. The service was _____ and the food was quite delicious.

adj. without spaces or breaks between one part and the next

33. When making arrests, police officers frequently _____ excessive force.

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

ANSWERS: 25. mutual, 26. numerous, 27. detected, 28. protons, 29. accelerate, 30. transformed, 31. technique, 32. seamless, 33. employ

34. His final goal is to sail around the _____.
- n.* the earth or world, mainly used to emphasize its vastness
35. I tried to _____ the efficiency of the investment.
- v.* to make a mathematical calculation
36. The _____ at the library contain a wealth of information about the city's history.
- n.* a collection of historical documents or records providing information about a place, institution, or group of people
37. He tried to _____ his experience to the group, but they couldn't understand.
- v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
38. The recent economic downturn has resulted in _____ layoffs.
- adj.* enormous amount; very heavy and solid
39. The company's sales have _____ expectations for the quarter.
- v.* to exceed or surpass a particular, measurable quality or attribute, such as speed, efficiency, or quality
40. She was struggling to make a _____ between two job offers.
- n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
41. 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

ANSWERS: 34. globe, 35. compute, 36. archives, 37. relate, 38. massive, 39. outstripped, 40. decision, 41. diagnose

42. The _____ risotto was delicious, but I couldn't identify all the mushrooms in it.
- n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
43. My sister and I frequently _____ books, as we love reading.
- v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
44. Einstein was an outstanding and famous _____ of the 20th century.
- n.* a scientist who specializes in the field of physics
45. He _____ back in time to the soccer game.
- v.* to move along very quickly; (noun) the act of rising upward into the air
46. Human behavior has _____ characteristics.
- adj.* forming an essential base or core from which everything else develops or is affected
47. Sensors convert physical phenomena into _____ signals.
- adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
48. Reading not only increases knowledge but also _____ life.
- v.* to make better or improve in quality by adding something else
49. Many consumers prefer _____ streaming services over traditional cable TV.
- adj.* available as needed or requested, often referring to products or services that can be accessed or delivered instantly or with minimal delay

ANSWERS: 42. mushroom, 43. exchange, 44. physicist, 45. zoomed, 46. fundamental, 47. digital, 48. enriches, 49. on-demand

50. Low sexual _____ typically correlates with low testosterone levels.
n. a strong feeling of wanting to have or do something
51. The national assembly has _____ the budget.
v. to choose to follow something; to legally take a child from another family and care for them as if they were one's own
52. The _____ reason for the company's success is its innovative products.
adj. most important, main, or chief
53. 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
54. 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
55. The interests of the two countries _____.
v. to hit something violently when moving
56. We store customer data in cloud _____.
n. the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
57. The _____ hike through the dense jungle tested our endurance.
adj. causing extreme physical or mental pain or suffering; marked by or involving a slow, painful, or tortuous process or experience

ANSWERS: 50. desire, 51. adopted, 52. principal, 53. disease, 54. represent, 55. collide, 56. storage, 57. torturous

58. There is a strong _____ between education level and income.
n. a statistical relationship between two variables in which one variable is affected by the other; a reciprocal relation between two or more facts, numbers, etc.
59. His professional experience includes all _____ of media production.
n. one part or feature of a situation, problem, subject, etc.
60. The complexity of scientific theories was _____ for most people.
adj. beyond what can be imagined or conceived; impossible to comprehend or envision
61. The industrial _____ laws were passed with little to no alteration.
n. the way two persons or groups of people feel and act toward one another
62. The Ottoman Empire _____ for over five centuries.
v. to grow or develop vigorously or successfully
63. He _____ his life to helping others.
v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
64. He should _____ more with his colleagues.
v. to communicate or react with somebody
65. The computer hard drive had plenty of storage space but was running low on available _____.
n. a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code

ANSWERS: 58. correlation, 59. aspects, 60. unimaginable, 61. relations, 62. flourished, 63. dedicated, 64. interact, 65. bytes

66. New York is a city with a _____ ethnic population.

adj. including numerous categories of individuals or entities; various

67. Our system can now _____ with other databases.

v. to connect similar things

68. The _____ demonstrate that poverty and unemployment are genuine problems.

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

69. This region has many _____ offering higher education.

n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

70. The physicist who found the _____ particle won the Nobel Prize.

adj. difficult to find, define, achieve, or remember

71. They study the _____ of the universe.

n. a gradual process of transformation of living things

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

v. to make or become better

73. Doctors are gradually coming around to the idea of using _____ medicines.

n. one of two or more available possibilities or choice

ANSWERS: 66. diverse, 67. interconnect, 68. statistics, 69. institutes, 70. elusive, 71. evolution, 72. improve, 73. alternative

74. She savored the _____ happiness she felt during the vacation.

adj. brief or temporary, lasting only a short time

75. He conducted his research at the _____ laboratory using large-scale computing.

n. the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions

76. 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

77. Shakespeare's output of poetry was _____.

adj. extremely large or great

78. Let's _____ the origins of some familiar foreign words.

v. to find or discover someone or something that was lost

79. The oil price continued their downward _____.

n. a general direction in which something is changing or developing

80. A _____ audience viewed the broadcast.

adj. enormous in size, number, amount, or quantity

81. 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

82. I was able to _____ the moment on film.

v. to catch a person or an animal and confine them in an area which they cannot escape

ANSWERS: 74. fleeting, 75. meteorology, 76. particles, 77. enormous, 78. trace, 79. trend, 80. vast, 81. colleague, 82. capture

83. Dolphins use sound to _____ with each other.
- v. to share or exchange information with others by speaking, writing, moving your body, or using other signals
84. The _____ of tectonic plates can result in new mountain ranges, such as the Himalayas or the Alps.
- n. an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict
85. _____ pattern roads often appear in urban areas.
- n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
86. The _____ spoken in the region differed from other parts of the country.
- n. a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics
87. _____ all the parties signed the contract.
- adv. almost completely
88. Who answers _____ knows little.
- adv. quickly and unexpectedly
89. She agreed to _____ with him in creating new artwork.
- v. to work with someone else to produce or achieve something
90. His estate was _____ to his sons.
- v. to give something to a large number of individuals, or to spread or furnish something

ANSWERS: 83. communicate, 84. collision, 85. Grid, 86. dialect, 87. Virtually, 88. suddenly, 89. collaborate, 90. distributed

91. 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
92. They hope to _____ their business worldwide.
- v.* to increase or to make something greater in size, number, or importance
93. He wandered the _____ between life and death by gunfire.
- n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
94. The manuscript was _____ spanning several hundred pages.
- adj.* large in volume or bulk
95. We decided to take a detour to avoid the construction _____ on the main road.
- n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
96. The current economic situation is especially tough for _____ businesses.
- n.* water creatures that live in shells, especially one of the types that can be eaten

ANSWERS: 91. involves, 92. expand, 93. boundary, 94. voluminous, 95. traffic, 96. fledgling