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Vocabulary Builder Reference from...

Alex Gendler: The woman who stared at the sun | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

resident

n. a person who lives in a particular place or has their home in a place

synonym: dweller, inhabitant, inhabitant

(1) a **resident** of the city, (2) **resident** tax

Visa renewal for **resident** foreigners in this country is once every five years.

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.

aerial

n. a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air

synonym: antenna, skywire, transmitter

(1) **aerial** antenna, (2) **aerial** photography

The **aerial** view from the airplane showed the beautiful landscape below.

allied

adj. united or connected by a political or military agreement

synonym : affiliated, associated, partnered

(1) **allied** forces, (2) chemicals **allied** products

The two countries were **allied** in their efforts to combat terrorism.

bomb

n. a weapon that explodes and is used to kill or injure people or to cause damage to something

synonym : missile, explosive, ammunition

(1) atomic **bombs**, (2) disarm the **bomb**

The use of cluster **bombs** is strictly prohibited by international law.

raid

n. a sudden short attack, usually by soldiers, ships, or aircraft

synonym : attack, invasion, aggression

(1) make a **raid** on an enemy's camp, (2) air- **raid** siren

Throughout the **raid**, the bank robbers wore masks.

warn

v. to make someone aware of potential danger or difficulty, particularly one that may occur in the future

synonym : alert, caution, admonish

(1) **warn** a reckless driver, (2) **warned** me of the plan

I attempted to **warn** him, but he ignored me.

indoor

adj. located, happened, or used inside a building

(1) an **indoor** pool, (2) designed for **indoor** use

Table tennis is an **indoor** sport.

precede

v. to happen or go before something or someone in time or space

synonym : lead, forego, antecede

(1) men often **precede** women when walking, (2) **precede** any discussion

Agricultural development generally **precedes** economic growth.

strategy

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

synonym : approach, procedure, scenario

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

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

blackout

n. a loss of electric power for a general region; a suspension of radio or TV broadcasting; a momentary loss of consciousness

synonym : outage, failure, knockout

(1) media **blackout**, (2) memory **blackout**

The nationwide **blackout** caused widespread power outages and disrupted daily life.

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.

drag

v. to pull or haul with force

synonym : haul, pull, draw

(1) **drag** a chair over, (2) **drag** a team down

He **dragged** the heavy suitcase behind him as he walked.

gaze

v. to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

synonym : stare, gawk, look

(1) **gaze** steadily at his face, (2) **gaze** absently out a window

The youngster was **gazed** at by the beast.

astronomical

adj. relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude

synonym : huge, vast, enormous

(1) **astronomical** observation, (2) **astronomical** numbers

The cost of the new equipment was **astronomical** and beyond the company's budget.

phenomenon

n. something that exists and can be perceptible, especially one that is not fully understood

synonym: marvel, wonder, splendor

(1) natural **phenomenon**, (2) historical **phenomenon**

A rainbow is a natural **phenomenon**.

endeavor

v. to make an earnest attempt or effort; to strive or work hard towards a goal or objective

synonym: attempt, strive, undertake

(1) **endeavor** to succeed, (2) **endeavor** as much as possible

We will **endeavor** to find a solution to the problem as quickly as possible.

telescope

n. a device like a tube in shape containing lenses used to magnify and observe distant objects

(1) a binocular **telescope**, (2) look through a **telescope**

This facility has the largest astronomical **telescope** in the country.

sketch

n. a simple, quickly-made picture that does not have many details; a short descriptive summary of something

synonym: drawing, outline, blueprint

(1) a penciled **sketch**, (2) first design **sketches**

Yesterday, I created a rough **sketch** of the plan.

shifting

adj. constantly changing or moving

synonym: unfirm, shifty, fluctuating

(1) **shifting** balance, (2) continuously **shifting** landscape

Trends in the fashion industry are so **shifting** that it is challenging to keep up with them.

recreate

v. to make something that existed previously happen or appear to exist again

synonym: renovate, vivify, revive

(1) **recreate** a single country, (2) **recreate** the feeling of the 1920s

She **recreated** the atmosphere of the pre-war age with her stage setting.

trillion

n. the number 1,000,000,000,000; a million million

(1) **trillion** cubic feet, (2) many **trillions** of dollars

One light year is nearly 6 **trillion** miles.

hydrogen

n. the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water

(1) **hydrogen** gas, (2) heavy **hydrogen**

The **hydrogen** and the oxygen react and then form water.

atom

n. the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

synonym: particle, element, fraction

(1) oxygen **atom**, (2) neutral hydrogen **atoms**

The outermost electron shell of an **atom** determines its chemical characteristics.

fuse

n. a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

synonym: (verb) melt, (verb) blend

(1) **fuse** blows, (2) **fuse** with one another

He has a short **fuse**.

helium

n. a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table

synonym : He, light gas, noble gas

(1) **helium** atom, (2) **helium** gas

The **helium-filled** balloons floated into the sky.

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.

nuclear

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

synonym : atomic

(1) **nuclear** fusion, (2) use of **nuclear** power

Many countries have now agreed to a treaty banning the use of **nuclear** weapons.

fusion

n. the process of combining two or more things to form a single entity

synonym : merger, consolidation, amalgamation

(1) heat **fusion**, (2) **fusion** cuisine

Nuclear **fusion** is a process in which atomic nuclei combine to form heavier nuclei.

ongoing

adj. continuing to exist or develop, or currently happening

synonym : continuous, current, proceeding

(1) still **ongoing**, (2) **ongoing** support

The new prime minister has vowed to take measures against the **ongoing** economic crisis.

explosion

n. a violent release induced by a chemical or nuclear reaction

synonym : burst, eruption, outbreak

(1) a lot of **explosions**, (2) site of the **explosion**

A broken gas pipe triggered the **explosion**.

maintain

v. to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

synonym : preserve, uphold, sustain

(1) **maintain** order, (2) **maintain** good health

I need to **maintain** my car regularly to prevent any major mechanical issues.

internal

adj. of or relating to the inside of something

synonym : interior, inner, domestic

(1) **internal** organs, (2) the **internal** economy

The prime minister canceled visits to other countries to resolve **internal** disputes.

temperature

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

synonym : climate, warmth, degree

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

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

roughly

adv. approximately but not precisely; with a violent manner

synonym : approximately, more or less, around

(1) **roughly** explain my idea, (2) **roughly** speaking

Five miles is **roughly** similar to eight kilometers.

degree

n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

synonym : level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

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.

churning

n. the process of mixing or stirring something vigorously, often to create a frothy or creamy texture; a state of upheaval or turbulence, often referring to the stock market or economy

synonym: agitation, turmoil, commotion

(1) butter **churning**, (2) **churning** emotions

The **churning** of the waves on the beach made it difficult to swim.

plasma

n. (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons

(1) **plasma** membrane, (2) high-temperature **plasma**

Blood **plasma** makes up about half of the volume of blood.

consist

v. to be composed or made up of

synonym: lie in, comprise, exist

(1) **consist** mainly of cells, (2) **consist** only in knowing facts

This examination **consists** of five problems to solve.

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.

magnetic

adj. having the properties of attracting or repelling certain materials containing iron or steel

synonym: attractive, drawing, hypnotic

(1) **magnetic** field, (2) a **magnetic** tape

The **magnetic** force of the earth keeps our planet spinning.

stable

adj. firm and steady; not easily moved, disturbed, or changed

synonym : sturdy, unmoving, durable

(1) in **stable** condition, (2) have a **stable** job

Relations between the two countries have been relatively **stable** due to the summit meeting.

constantly

adv. all the time

synonym : continuously, always, frequently

(1) a **constantly** innovative enterprise, (2) a **constantly** varying mind

The mobile application industry is **constantly** changing.

flux

n. the state of constantly changing or flowing; the rate of flow of energy or particles across a particular place

synonym : flow, change, motion

(1) **flux** density, (2) **flux** of particles

The town's population was in **flux**, with many people moving in and out.

alternate

adj. occurring or existing one after the other regularly

synonym : substitute, back up, equivalent

(1) **alternate** choice, (2) every **alternate** year

The cleaning lady comes on **alternate** Wednesdays.

disrupt

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

synonym : interrupt, disturb, break into

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

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

amplify

v. to enhance something, particularly sound or brightness

synonym : intensify, boost, argument

(1) **amplify** a signal, (2) **amplify** the effect

You might need to **amplify** this point.

movement

n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

synonym : motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

temporary

adj. not lasting or be used for a very long

synonym : provisional, short-term, interim

(1) a **temporary** permit, (2) **temporary** housing

He managed to get **temporary** jobs during the recession.

concentration

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

synonym : attention, engagement, assiduity

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

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

inhibit

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

synonym : deter, hinder, impede

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

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

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.

generate

v. to produce or create something; to make offspring by reproduction

synonym: create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month

The economic stimulation program would **generate** a lot of new jobs.

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.

scatter

v. to cause to separate and go in different directions

synonym: disperse, spread, bestrew

(1) **scatter** seeds, (2) **scatter** around the internet

The hunter's approach **scattered** the geese.

sunspot

n. a temporary dark patch that appears on the Sun's surface as a result of reduced surface temperature

(1) **sunspot** activity, (2) **sunspot** period

The number of **sunspots** on the Sun's surface varies over time, following an 11-year cycle.

swirl

v. to move in a circular or spiral pattern

synonym: spin, whirl, turn

(1) **swirl** the wine, (2) **swirl** up dirt and dust

The chef expertly **swirled** the sauce onto the plate.

sphere

n. a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity

synonym: ball, globe, scope

(1) **sphere** of influence, (2) business **sphere**

The **sphere** of the earth is divided into several layers including the crust, mantle, and core.

rotation

n. the action or process of moving in a circle around an axis or center

synonym: revolution, spin, turning

(1) job **rotation**, (2) a period of **rotation**

The **rotation** of the Earth causes day and night.

cluster

n. a group of similar things or people close together, often forming a distinct mass or unit

synonym: group, aggregation, array

(1) live in a **cluster**, (2) a **cluster** of stars

A **cluster** of grapes hung from the vine.

accurate

adj. correct and exact in all details

synonym: exact, precise, proper

(1) provide **accurate** information, (2) **accurate** measurements

The official transcript contains **accurate** academic records.

greatly

adv. to an extraordinary extent or degree; very much

synonym: enormously, broadly, grandly

(1) **greatly** affect the situation, (2) **greatly** support that player

They **greatly** admired our actions.

perception

n. a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

synonym: understanding, idea, awareness

(1) keen **perception**, (2) **perception** of a stimulus

He is a man admired for the depth of his **perception**.

judgment

n. the ability to form valuable opinions and make reasonable decisions

synonym: conclusion, decision, determination

(1) an emotional **judgment** , (2) deliver a **judgment**
Her **judgments** are consistently rational and sensible.

precise

adj. sharply exact or accurate or delimited

synonym : accurate, exact, distinct

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

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

contribution

n. the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause

synonym : donation, gift, offering

(1) make a positive **contribution**, (2) **contribution** to society

His **contribution** to the charity was a generous donation of money.

astronomy

n. the scientific study of objects and matter outside the Earth's atmosphere, especially the positions, motions, and evolution of celestial bodies

synonym : astrophysics, stargazing, cosmology

(1) **astronomy** science, (2) a branch of **astronomy**

He had a deep passion for extragalactic **astronomy** and spent hours observing the night sky.

observation

n. the act or activity of carefully examining or monitoring something or someone

synonym : watching, notice, reflection

(1) class **observation** day, (2) **observation** instrument

In the hospital, she will remain under constant **observation**.

remarkable

adj. worthy of attention because unusual or special

synonym : outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

oriental

adj. relating to Asia or the eastern part of the world; specifically associated with the cultural, artistic, and architectural traditions of Asia

synonym : Eastern, Asian, far eastern

(1) **oriental** philosophy, (2) **oriental** culture

The **oriental** cuisine at this restaurant is delicious.

association

n. a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship

synonym : affiliation, collaboration, society

(1) word **associations**, (2) a scholarship **association**

His membership in the **association** provided him with numerous benefits.

commend

v. to praise or express approval of someone or something; to recommend someone for a job or position; to entrust or hand over something to someone else

synonym : praise, applaud, compliment

(1) **commend** a job well done, (2) **commend** him for his bravery

The coach **commended** the team for fighting until the end and never giving up.

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.

superior

adj. better, higher in quality, or more advanced than others

synonym : better, greater, exceptional

(1) **superior** performance, (2) provide **superior** customer

service

The new smartphone model is **superior** to the previous version in terms of speed and features.

observer

n. a person who watches or notices someone or something but has no active part in it

synonym: spectator, onlooker, watcher

(1) a shrewd **observer**, (2) an **observer** in the region

According to the theory of relativity, time is different for each **observer**.

basis

n. the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

synonym: foundation, base, ground

(1) on an equal **basis**, (2) **basis** for calculation

This evidence will form the **basis** for our discussion.

cycle

n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

synonym: revolution, rotation, bike

(1) the **cycle** of the seasons, (2) go to the workplace by **cycle**

The food chain causes a material **cycle**.

butterfly

n. a diurnal insect typically has a slender body with knobbed antennae and broad, colorful wings

(1) **butterfly** effect, (2) the life cycle of a **butterfly**

He enjoys collecting **butterfly** specimens.

specific

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

synonym: particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

indication

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

synonym: clue, hint, inkling

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

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

volatile

adj. likely to change rapidly or unexpectedly, or being unstable or explosive

synonym: unstable, unpredictable, explosive

(1) highly- **volatile** elements, (2) **volatile** markets

Their relationship was **volatile** and prone to sudden outbursts of anger.

flare

v. to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface

synonym: blaze, ignite, light up

(1) **flare** up into a major crisis, (2) the **flare** of a match

The Sun **flared** and caused a sudden brightening in the sky.

typical

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

synonym: characteristic, usual, distinctive

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

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

emanate

v. to emit, send out something; to express a quality or feeling

synonym: radiate, exude, give off

(1) **emanate** light, (2) **emanate** happiness

The fragrance of flowers **emanated** from the garden.

vicinity

n. the area or region surrounding or in the general vicinity of a particular place or location; a nearby or neighboring region

synonym: proximity, nearness, locality

(1) immediate **vicinity**, (2) city and its **vicinity**

The area in the **vicinity** of the mall is known for its heavy traffic congestion.

atmosphere

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

synonym: air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial

atmosphere

The spaceship began to burn up as it approached the Earth's **atmosphere**.

geomagnetic

n. of or relating to the Earth's magnetic field

(1) **geomagnetic** storm, (2) **geomagnetic** activity

Scientists study the **geomagnetic** field to understand how it affects Earth's environment.

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.

solar

adj. of, from, or relating to the sun

(1) the **solar** system, (2) a **solar** eclipse

Solar panels have greatly improved not only in performance but also in durability.

pose

v. to present a risk, problem, or other issues that must be addressed

synonym: present, put, position

(1) **pose** a significant threat to my company, (2) **pose** a challenge

The chemicals **pose** a massive health risk.

satellite

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

synonym : orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**

Launching an artificial **satellite** contributed to the technological development of our country.

essential

adj. indispensable; fundamental

synonym : critical, crucial, basic

(1) **essential** amino acid, (2) **essential** commodities of life

Trial and error is an **essential** part of education.

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.

lament

v. to express sadness, grief, or disappointment about something, often by complaining or mourning

synonym : mourn, grieve, bemoan

(1) **lament** my misfortunes, (2) **lament** the situation

She **lamented** the loss of her beloved cat.

consistent

adj. always behaving or happening in the same way, or having the same thoughts, standards, etc.

synonym : coherent, constant, compatible

(1) do on a **consistent** basis, (2) get **consistent** results

You are not **consistent** in your behavior.

baseline

n. a starting point or minimum for comparing facts; the back line bounding each end of a tennis or handball court

synonym : standard, criterion

(1) **baseline** budget, (2) establish a **baseline**

The products they sell are the **baseline** for performance in the industry.

reconstruct

v. to build or form something again that has been damaged or destroyed

synonym: rebuild, revamp, reorganize

(1) **reconstruct** an image, (2) **reconstruct** the original text

They've decided to **reconstruct** a ruined castle.

historic

adj. famous or significant in history, or potentially so

synonym: memorable, momentous, historical

(1) **historic** accomplishment, (2) achieve the **historic** feat

The Chinese people have accomplished several **historic** feats.

extend

v. to broaden in scope, range, or area

synonym: prolong, lengthen, advance

(1) **extend** the warranty, (2) **extend** a line

Her visit will **extend** from Monday to Friday.

lifetime

n. the duration of someone's life or something's existence;

synonym: lifespan, duration

(1) **lifetime** benefits, (2) **lifetime** ban from the sport

She had lived through two world wars in her **lifetime**.

astound

v. to surprise or shock someone with wonder very much

synonym: amaze, astonish, surprise

(1) **astound** everyone, (2) **astound** the viewer

The final result was nothing short of **astounding**.

discovery

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

synonym: finding, uncovering, detection

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

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

Session 2: Spelling

1. a te_____ry permit *adj.* not lasting or be used for a very long
2. natural phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
3. carbon dioxide in the atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
4. on an equal ba__s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
5. ast_____cal numbers *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
6. 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
7. su_____t period *n.* a temporary dark patch that appears on the Sun's surface as a result of reduced surface temperature
8. ast_____cal observation *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
9. environmental ind_____on *n.* a sign or remark that something exists, is real, or is likely to occur
10. fu___n cuisine *n.* the process of combining two or more things to form a single entity

ANSWERS: 1. temporary, 2. phenomenon, 3. atmosphere, 4. basis, 5. astronomical, 6. communicate, 7. sunspot, 8. astronomical, 9. indication, 10. fusion

11. rem_____le achievement *adj.* worthy of attention because unusual or special
12. li_____me benefits *n.* the duration of someone's life or something's existence;
13. ba_____ne budget *n.* a starting point or minimum for comparing facts; the back line bounding each end of a tennis or handball court
14. use of nu_____r power *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
15. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
16. li_____me ban from the sport *n.* the duration of someone's life or something's existence;
17. w__n a reckless driver *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
18. pa_____le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
19. nu_____r fusion *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
20. hi_____ic accomplishment *adj.* famous or significant in history, or potentially so

ANSWERS: 11. remarkable, 12. lifetime, 13. baseline, 14. nuclear, 15. discovery, 16. lifetime, 17. warn, 18. particle, 19. nuclear, 20. historic

21. live in a cl_____r *n.* a group of similar things or people close together, often forming a distinct mass or unit
22. word ass_____ons *n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
23. a penciled sk____h *n.* a simple, quickly-made picture that does not have many details; a short descriptive summary of something
24. con_____ion to society *n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
25. al____d forces *adj.* united or connected by a political or military agreement
26. ma_____ic field *adj.* having the properties of attracting or repelling certain materials containing iron or steel
27. disarm the b__b *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something
28. 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

ANSWERS: 21. cluster, 22. association, 23. sketch, 24. contribution, 25. allied, 26. magnetic, 27. bomb, 28. process

29. vo_____le markets *adj.* likely to change rapidly or unexpectedly, or being unstable or explosive
30. the life cycle of a bu_____ly *n.* a diurnal insect typically has a slender body with knobbed antennae and broad, colorful wings
31. estimate pr_____e costs *adj.* sharply exact or accurate or delimited
32. neutral hydrogen a__ms *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
33. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
34. di_____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
35. re_____nt tax *n.* a person who lives in a particular place or has their home in a place
36. mo_____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
37. a period of ro_____on *n.* the action or process of moving in a circle around an axis or center
38. sp_____e of influence *n.* a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity

ANSWERS: 29. volatile, 30. butterfly, 31. precise, 32. atom, 33. discovery, 34. disrupt, 35. resident, 36. movement, 37. rotation, 38. sphere

39. es_____al amino acid *adj.* indispensable; fundamental
40. pr_____e analyses *adj.* sharply exact or accurate or delimited
41. keen per_____on *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
42. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
43. designed for in____r use *adj.* located, happened, or used inside a building
44. as_____my science *n.* the scientific study of objects and matter outside the Earth's atmosphere, especially the positions, motions, and evolution of celestial bodies
45. make a positive con_____ion *n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
46. 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
47. am_____y a signal *v.* to enhance something, particularly sound or brightness
48. heavy hy_____en *n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water

ANSWERS: 39. essential, 40. precise, 41. perception, 42. opportune, 43. indoor, 44. astronomy, 45. contribution, 46. dedicate, 47. amplify, 48. hydrogen

49. a branch of as_____my *n.* the scientific study of objects and matter outside the Earth's atmosphere, especially the positions, motions, and evolution of celestial bodies
50. f__x of particles *n.* the state of constantly changing or flowing; the rate of flow of energy or particles across a particular place
51. historical phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
52. ge_____te \$100 a month *v.* to produce or create something; to make offspring by reproduction
53. ch_____ng emotions *n.* the process of mixing or stirring something vigorously, often to create a frothy or creamy texture; a state of upheaval or turbulence, often referring to the stock market or economy
54. fl__e up into a major crisis *v.* to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface
55. get con_____nt results *adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.
56. go to the workplace by cy__e *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
57. re_____te the feeling of the 1920s *v.* to make something that existed previously happen or appear to exist again

ANSWERS: 49. astronomy, 50. flux, 51. phenomenon, 52. generate, 53. churning, 54. flare, 55. consistent, 56. cycle, 57. recreate

58. on____g support *adj.* continuing to exist or develop, or currently happening
59. as____d everyone *v.* to surprise or shock someone with wonder very much
60. geo____ic activity *n.* of or relating to the Earth's magnetic field
61. op____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
62. ro____y explain my idea *adv.* approximately but not precisely; with a violent manner
63. ex____d the warranty *v.* to broaden in scope, range, or area
64. sp____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
65. an emotional ju____nt *n.* the ability to form valuable opinions and make reasonable decisions
66. first design sk____hes *n.* a simple, quickly-made picture that does not have many details; a short descriptive summary of something
67. co____d a job well done *v.* to praise or express approval of someone or something; to recommend someone for a job or position; to entrust or hand over something to someone else
68. g__e absently out a window *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

ANSWERS: 58. ongoing, 59. astound, 60. geomagnetic, 61. opportune, 62. roughly, 63. extend, 64. specific, 65. judgment, 66. sketch, 67. commend, 68. gaze

69. 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
70. em_____e light *v.* to emit, send out something; to express a quality or feeling
71. de____e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
72. pr_____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
73. oxygen a__m *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
74. co_____t mainly of cells *v.* to be composed or made up of
75. charged pa_____le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
76. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
77. ro_____y speaking *adv.* approximately but not precisely; with a violent manner

ANSWERS: 69. process, 70. emanate, 71. degree, 72. predict, 73. atom, 74. consist, 75. particle, 76. communicate, 77. roughly

78. am____y the effect *v.* to enhance something, particularly sound or brightness
79. p__e a challenge *v.* to present a risk, problem, or other issues that must be addressed
80. a re_____nt of the city *n.* a person who lives in a particular place or has their home in a place
81. sh_____ng balance *adj.* constantly changing or moving
82. em_____e happiness *v.* to emit, send out something; to express a quality or feeling
83. d__g a chair over *v.* to pull or haul with force
84. pl____a membrane *n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons
85. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
86. he____m gas *n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
87. site of the ex_____on *n.* a violent release induced by a chemical or nuclear reaction
88. sw__l the wine *v.* to move in a circular or spiral pattern
89. the so__r system *adj.* of, from, or relating to the sun

ANSWERS: 78. amplify, 79. pose, 80. resident, 81. shifting, 82. emanate, 83. drag, 84. plasma, 85. molecule, 86. helium, 87. explosion, 88. swirl, 89. solar

90. a ma____ic tape *adj.* having the properties of attracting or repelling certain materials containing iron or steel
91. p__e a significant threat to my company *v.* to present a risk, problem, or other issues that must be addressed
92. a con_____ly innovative enterprise *adv.* all the time
93. city and its vi____ty *n.* the area or region surrounding or in the general vicinity of a particular place or location; a nearby or neighboring region
94. tr_____m an education system *v.* to change in outward structure or looks;
95. achieve the hi____ic feat *adj.* famous or significant in history, or potentially so
96. ac____te measurements *adj.* correct and exact in all details
97. an ob____er in the region *n.* a person who watches or notices someone or something but has no active part in it
98. la____t the situation *v.* to express sadness, grief, or disappointment about something, often by complaining or mourning
99. provide su____or customer service *adj.* better, higher in quality, or more advanced than others
100. military st____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
101. establish a ba____ne *n.* a starting point or minimum for comparing facts; the back line bounding each end of a tennis or handball court
102. the rem_____le breadth of knowledge *adj.* worthy of attention because unusual or special

ANSWERS: 90. magnetic, 91. pose, 92. constantly, 93. vicinity, 94. transform, 95. historic, 96. accurate, 97. observer, 98. lament, 99. superior, 100. strategy, 101. baseline, 102. remarkable

103. butter ch_____ng
- n.* the process of mixing or stirring something vigorously, often to create a frothy or creamy texture; a state of upheaval or turbulence, often referring to the stock market or economy
104. 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
105. hy_____en gas
- n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water
106. ba__s for calculation
- n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
107. ae___l photography
- n.* a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air
108. a shrewd ob_____er
- n.* a person who watches or notices someone or something but has no active part in it
109. su_____t activity
- n.* a temporary dark patch that appears on the Sun's surface as a result of reduced surface temperature
110. ma_____in good health
- v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

ANSWERS: 103. churning, 104. spot, 105. hydrogen, 106. basis, 107. aerial, 108. observer, 109. sunspot, 110. maintain

111. ma_____in order *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
112. la____t my misfortunes *v.* to express sadness, grief, or disappointment about something, often by complaining or mourning
113. a lot of ex_____ons *n.* a violent release induced by a chemical or nuclear reaction
114. per_____on of a stimulus *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
115. co_____t only in knowing facts *v.* to be composed or made up of
116. chemicals al____d products *adj.* united or connected by a political or military agreement
117. d__g a team down *v.* to pull or haul with force
118. he____m atom *n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
119. gr_____y support that player *adv.* to an extraordinary extent or degree; very much
120. te_____ry housing *adj.* not lasting or be used for a very long
121. gr_____y affect the situation *adv.* to an extraordinary extent or degree; very much
122. every al_____te year *adj.* occurring or existing one after the other regularly

ANSWERS: 111. maintain, 112. lament, 113. explosion, 114. perception, 115. consist, 116. allied, 117. drag, 118. helium, 119. greatly, 120. temporary, 121. greatly, 122. alternate

123. ex___d a line *v.* to broaden in scope, range, or area
124. heat fu___n *n.* the process of combining two or more things to form a single entity
125. deliver a ju_____nt *n.* the ability to form valuable opinions and make reasonable decisions
126. es_____al commodities of life *adj.* indispensable; fundamental
127. rec_____ct an image *v.* to build or form something again that has been damaged or destroyed
128. a meteorological sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
129. immediate vi_____ty *n.* the area or region surrounding or in the general vicinity of a particular place or location; a nearby or neighboring region
130. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
131. a convivial atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
132. the in_____al economy *adj.* of or relating to the inside of something
133. a so__r eclipse *adj.* of, from, or relating to the sun
134. nu_____us countries *adj.* amounting to a large indefinite number
135. in_____al organs *adj.* of or relating to the inside of something
136. f__x density *n.* the state of constantly changing or flowing; the rate of flow of energy or particles across a particular place

ANSWERS: 123. extend, 124. fusion, 125. judgment, 126. essential, 127. reconstruct, 128. satellite, 129. vicinity, 130. temperature, 131. atmosphere, 132. internal, 133. solar, 134. numerous, 135. internal, 136. flux

137. a cl_____r of stars *n.* a group of similar things or people close together, often forming a distinct mass or unit
138. small mo_____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
139. en_____or as much as possible *v.* to make an earnest attempt or effort; to strive or work hard towards a goal or objective
140. a con_____ly varying mind *adv.* all the time
141. class obs_____on day *n.* the act or activity of carefully examining or monitoring something or someone
142. ae____l antenna *n.* a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air
143. do on a con_____nt basis *adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.
144. provide ac_____te information *adj.* correct and exact in all details
145. in st____e condition *adj.* firm and steady; not easily moved, disturbed, or changed
146. al_____te choice *adj.* occurring or existing one after the other regularly
147. or_____al philosophy *adj.* relating to Asia or the eastern part of the world; specifically associated with the cultural, artistic, and architectural traditions of Asia

ANSWERS: 137. cluster, 138. molecule, 139. endeavor, 140. constantly, 141. observation, 142. aerial, 143. consistent, 144. accurate, 145. stable, 146. alternate, 147. oriental

148. industry-sp____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
149. en____or to succeed *v.* to make an earnest attempt or effort; to strive or work hard towards a goal or objective
150. re____te a single country *v.* to make something that existed previously happen or appear to exist again
151. di____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
152. as nu____us as the sand *adj.* amounting to a large indefinite number
153. a circular mo____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
154. obs____on instrument *n.* the act or activity of carefully examining or monitoring something or someone
155. bachelor's de____e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
156. business sp____e *n.* a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity

ANSWERS: 148. specific, 149. endeavor, 150. recreate, 151. disrupt, 152. numerous, 153. movement, 154. observation, 155. degree, 156. sphere

157. ind_____on of inflation *n.* a sign or remark that something exists, is real, or is likely to occur
158. high-temperature pl____a *n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons
159. his research area of
con_____ion *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
160. atomic b__bs *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something
161. still on_____g *adj.* continuing to exist or develop, or currently happening
162. con_____ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
163. a GPS sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
164. look through a te_____pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
165. job ro_____on *n.* the action or process of moving in a circle around an axis or center

ANSWERS: 157. indication, 158. plasma, 159. concentration, 160. bomb, 161. ongoing, 162. concentration, 163. satellite, 164. telescope, 165. rotation

166. develop a st____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
167. g__e steadily at his face *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
168. make a r__d on an enemy's camp *n.* a sudden short attack, usually by soldiers, ships, or aircraft
169. tr_____rm heat into power *v.* to change in outward structure or looks;
170. co_____d him for his bravery *v.* to praise or express approval of someone or something; to recommend someone for a job or position; to entrust or hand over something to someone else
171. f__e blows *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
172. tr_____on cubic feet *n.* the number 1,000,000,000,000; a million million
173. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
174. sw__l up dirt and dust *v.* to move in a circular or spiral pattern
175. in_____t desires *v.* to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal

ANSWERS: 166. strategy, 167. gaze, 168. raid, 169. transform, 170. commend, 171. fuse, 172. trillion, 173. temperature, 174. swirl, 175. inhibit

176. air-r__d siren *n.* a sudden short attack, usually by soldiers, ships, or aircraft
177. fairly ty____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
178. memory bl____ut *n.* a loss of electric power for a general region; a suspension of radio or TV broadcasting; a momentary loss of consciousness
179. w__ned me of the plan *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
180. ge____te more electricity *v.* to produce or create something; to make offspring by reproduction
181. men often pr____e women when walking *v.* to happen or go before something or someone in time or space
182. a scholarship ass____on *n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
183. as____d the viewer *v.* to surprise or shock someone with wonder very much
184. an in____r pool *adj.* located, happened, or used inside a building
185. the fl__e of a match *v.* to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface
186. media bl____ut *n.* a loss of electric power for a general region; a suspension of radio or TV broadcasting; a momentary loss of consciousness

ANSWERS: 176. raid, 177. typical, 178. blackout, 179. warn, 180. generate, 181. precede, 182. association, 183. astound, 184. indoor, 185. flare, 186. blackout

187. rec_____ct the original text *v.* to build or form something again that has been damaged or destroyed
188. continuously sh_____ng landscape *adj.* constantly changing or moving
189. 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
190. 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
191. highly-vo_____le elements *adj.* likely to change rapidly or unexpectedly, or being unstable or explosive
192. many tr_____ons of dollars *n.* the number 1,000,000,000,000; a million million
193. pr_____e any discussion *v.* to happen or go before something or someone in time or space
194. sc_____r around the internet *v.* to cause to separate and go in different directions
195. in_____t tumor growth *v.* to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal
196. geo_____ic storm *n.* of or relating to the Earth's magnetic field
197. bu_____ly effect *n.* a diurnal insect typically has a slender body with knobbed antennae and broad, colorful wings
198. have a st___e job *adj.* firm and steady; not easily moved, disturbed, or changed

ANSWERS: 187. reconstruct, 188. shifting, 189. spot, 190. dedicate, 191. volatile, 192. trillion, 193. precede, 194. scatter, 195. inhibit, 196. geomagnetic, 197. butterfly, 198. stable

199. pr_____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
200. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
201. the cy___e of the seasons *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
202. or_____al culture *adj.* relating to Asia or the eastern part of the world; specifically associated with the cultural, artistic, and architectural traditions of Asia
203. sc_____r seeds *v.* to cause to separate and go in different directions
204. su_____or performance *adj.* better, higher in quality, or more advanced than others
205. f___e with one another *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
206. a binocular te_____pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects

ANSWERS: 199. predict, 200. typical, 201. cycle, 202. oriental, 203. scatter, 204. superior, 205. fuse, 206. telescope

Session 3: Fill in the Blanks

1. You might need to _____ this point.
v. to enhance something, particularly sound or brightness
2. She received her _____ in psychology from the university.
n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
3. Her visit will _____ from Monday to Friday.
v. to broaden in scope, range, or area
4. This facility has the largest astronomical _____ in the country.
n. a device like a tube in shape containing lenses used to magnify and observe distant objects
5. Agricultural development generally _____ economic growth.
v. to happen or go before something or someone in time or space
6. One light year is nearly 6 _____ miles.
n. the number 1,000,000,000,000; a million million
7. Trends in the fashion industry are so _____ that it is challenging to keep up with them.
adj. constantly changing or moving
8. According to the theory of relativity, time is different for each _____.
n. a person who watches or notices someone or something but has no active part in it

ANSWERS: 1. amplify, 2. degree, 3. extend, 4. telescope, 5. precedes, 6. trillion, 7. shifting, 8. observer

9. Yesterday, I created a rough _____ of the plan.
n. a simple, quickly-made picture that does not have many details; a short descriptive summary of something
10. A broken gas pipe triggered the _____.
n. a violent release induced by a chemical or nuclear reaction
11. The new prime minister has vowed to take measures against the _____ economic crisis.
adj. continuing to exist or develop, or currently happening
12. Relations between the two countries have been relatively _____ due to the summit meeting.
adj. firm and steady; not easily moved, disturbed, or changed
13. We will _____ to find a solution to the problem as quickly as possible.
v. to make an earnest attempt or effort; to strive or work hard towards a goal or objective
14. He managed to get _____ jobs during the recession.
adj. not lasting or be used for a very long
15. 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
16. The prime minister canceled visits to other countries to resolve _____ disputes.
adj. of or relating to the inside of something

ANSWERS: 9. sketch, 10. explosion, 11. ongoing, 12. stable, 13. endeavor, 14. temporary, 15. communicate, 16. internal

17. I need to _____ my car regularly to prevent any major mechanical issues.
v. to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
18. _____ panels have greatly improved not only in performance but also in durability.
adj. of, from, or relating to the sun
19. The cost of the new equipment was _____ and beyond the company's budget.
adj. relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
20. Our plan includes a comprehensive marketing _____.
n. a detailed plan of action designed to achieve a long-term or overall goal.
21. The scientist conducted a study that provided _____ details about the species' behavior.
adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
22. The _____ cuisine at this restaurant is delicious.
adj. relating to Asia or the eastern part of the world; specifically associated with the cultural, artistic, and architectural traditions of Asia
23. Scientists study the _____ field to understand how it affects Earth's environment.
n. of or relating to the Earth's magnetic field
24. The outermost electron shell of an _____ determines its chemical characteristics.
n. the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

ANSWERS: 17. maintain, 18. Solar, 19. astronomical, 20. strategy, 21. specific, 22. oriental, 23. geomagnetic, 24. atom

25. She _____ the loss of her beloved cat.

- v.* to express sadness, grief, or disappointment about something, often by complaining or mourning

26. Table tennis is an _____ sport.

- adj.* located, happened, or used inside a building

27. A rainbow is a natural _____.

- n.* something that exists and can be perceptible, especially one that is not fully understood

28. The hunter's approach _____ the geese.

- v.* to cause to separate and go in different directions

29. He enjoys collecting _____ specimens.

- n.* a diurnal insect typically has a slender body with knobbed antennae and broad, colorful wings

30. The two countries were _____ in their efforts to combat terrorism.

- adj.* united or connected by a political or military agreement

31. The cleaning lady comes on _____ Wednesdays.

- adj.* occurring or existing one after the other regularly

32. The youngster was _____ at by the beast.

- v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

33. The official transcript contains _____ academic records.

- adj.* correct and exact in all details

ANSWERS: 25. lamented, 26. indoor, 27. phenomenon, 28. scattered, 29. butterfly, 30. allied, 31. alternate, 32. gazed, 33. accurate

34. Faces are a good _____ of age.

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

35. The Sun _____ and caused a sudden brightening in the sky.

v. to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface

36. He has a short _____.

n. a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

37. This exam requires excellent _____ to pass.

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

38. They _____ admired our actions.

adv. to an extraordinary extent or degree; very much

39. Cities around the world set records for highest _____ this summer.

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

40. The final result was nothing short of _____.

v. to surprise or shock someone with wonder very much

41. The _____ force of the earth keeps our planet spinning.

adj. having the properties of attracting or repelling certain materials containing iron or steel

ANSWERS: 34. indication, 35. flared, 36. fuse, 37. concentration, 38. greatly, 39. temperatures, 40. astounding, 41. magnetic

42. The chef expertly _____ the sauce onto the plate.
v. to move in a circular or spiral pattern
43. This examination _____ of five problems to solve.
v. to be composed or made up of
44. 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
45. The election was a _____ success for the Whigs.
adj. worthy of attention because unusual or special
46. The _____ of the dancers on stage was graceful and elegant.
n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
47. She had lived through two world wars in her _____.
n. the duration of someone's life or something's existence;
48. Visa renewal for _____ foreigners in this country is once every five years.
n. a person who lives in a particular place or has their home in a place
49. He had a deep passion for extragalactic _____ and spent hours observing the night sky.
n. the scientific study of objects and matter outside the Earth's atmosphere, especially the positions, motions, and evolution of celestial bodies

ANSWERS: 42. swirled, 43. consists, 44. spot, 45. remarkable, 46. movement, 47. lifetime, 48. resident, 49. astronomy

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

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

51. The fragrance of flowers _____ from the garden.

- v.* to emit, send out something; to express a quality or feeling

52. He is a man admired for the depth of his _____.

- n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

53. The products they sell are the _____ for performance in the industry.

- n.* a starting point or minimum for comparing facts; the back line bounding each end of a tennis or handball court

54. The _____ and the oxygen react and then form water.

- n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water

55. The economic stimulation program would _____ a lot of new jobs.

- v.* to produce or create something; to make offspring by reproduction

56. In the hospital, she will remain under constant _____.

- n.* the act or activity of carefully examining or monitoring something or someone

57. The coach _____ the team for fighting until the end and never giving up.

- v.* to praise or express approval of someone or something; to recommend someone for a job or position; to entrust or hand over something to someone else

ANSWERS: 50. disrupt, 51. emanated, 52. perception, 53. baseline, 54. hydrogen, 55. generate, 56. observation, 57. commended

58. This evidence will form the _____ for our discussion.
- n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
59. The number of _____ on the Sun's surface varies over time, following an 11-year cycle.
- n.* a temporary dark patch that appears on the Sun's surface as a result of reduced surface temperature
60. The nationwide _____ caused widespread power outages and disrupted daily life.
- n.* a loss of electric power for a general region; a suspension of radio or TV broadcasting; a momentary loss of consciousness
61. She _____ the atmosphere of the pre-war age with her stage setting.
- v.* to make something that existed previously happen or appear to exist again
62. It's notoriously challenging to _____ birth rates.
- v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
63. You are not _____ in your behavior.
- adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.
64. They've decided to _____ a ruined castle.
- v.* to build or form something again that has been damaged or destroyed
65. Excessive parental interference may _____ children's eagerness to learn.
- v.* to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal

ANSWERS: 58. basis, 59. sunspots, 60. blackout, 61. recreated, 62. predict, 63. consistent, 64. reconstruct, 65. inhibit

66. Trial and error is an _____ part of education.

adj. indispensable; fundamental

67. The Chinese people have accomplished several _____ feats.

adj. famous or significant in history, or potentially so

68. The new smartphone model is _____ to the previous version in terms of speed and features.

adj. better, higher in quality, or more advanced than others

69. Five miles is _____ similar to eight kilometers.

adv. approximately but not precisely; with a violent manner

70. 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

71. The mobile application industry is _____ changing.

adv. all the time

72. He _____ the heavy suitcase behind him as he walked.

v. to pull or haul with force

73. Their relationship was _____ and prone to sudden outbursts of anger.

adj. likely to change rapidly or unexpectedly, or being unstable or explosive

74. The chemicals _____ a massive health risk.

v. to present a risk, problem, or other issues that must be addressed

ANSWERS: 66. essential, 67. historic, 68. superior, 69. roughly, 70. molecule, 71. constantly, 72. dragged, 73. volatile, 74. pose

75. Her _____ are consistently rational and sensible.

n. the ability to form valuable opinions and make reasonable decisions

76. The area in the _____ of the mall is known for its heavy traffic congestion.

n. the area or region surrounding or in the general vicinity of a particular place or location; a nearby or neighboring region

77. 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

78. Launching an artificial _____ contributed to the technological development of our country.

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

79. The _____ balloons floated into the sky.

n. a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table

80. Many countries have now agreed to a treaty banning the use of _____ weapons.

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

81. The content is _____ and informative for me.

adj. sharply exact or accurate or delimited

82. The phone rang at the most _____ time.

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

ANSWERS: 75. judgments, 76. vicinity, 77. particles, 78. satellite, 79. helium-filled, 80. nuclear, 81. precise, 82. opportune

83. The _____ of the Earth causes day and night.

n. the action or process of moving in a circle around an axis or center

84. Nuclear _____ is a process in which atomic nuclei combine to form heavier nuclei.

n. the process of combining two or more things to form a single entity

85. This artwork is _____ of her work.

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

86. The food chain causes a material _____.

n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

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

adj. amounting to a large indefinite number

88. The _____ view from the airplane showed the beautiful landscape below.

n. a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air

89. His membership in the _____ provided him with numerous benefits.

n. a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship

90. I attempted to _____ him, but he ignored me.

v. to make someone aware of potential danger or difficulty, particularly one that may occur in the future

ANSWERS: 83. rotation, 84. fusion, 85. typical, 86. cycle, 87. numerous, 88. aerial, 89. association, 90. warn

91. A _____ of grapes hung from the vine.
- n.* a group of similar things or people close together, often forming a distinct mass or unit
92. The _____ of the waves on the beach made it difficult to swim.
- n.* the process of mixing or stirring something vigorously, often to create a frothy or creamy texture; a state of upheaval or turbulence, often referring to the stock market or economy
93. 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
94. Blood _____ makes up about half of the volume of blood.
- n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons
95. 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
96. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
97. The _____ of the earth is divided into several layers including the crust, mantle, and core.
- n.* a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity

ANSWERS: 91. cluster, 92. churning, 93. process, 94. plasma, 95. dedicated, 96. discovery, 97. sphere

98. Throughout the _____ the bank robbers wore masks.

n. a sudden short attack, usually by soldiers, ships, or aircraft

99. The town's population was in _____ with many people moving in and out.

n. the state of constantly changing or flowing; the rate of flow of energy or particles across a particular place

100. His _____ to the charity was a generous donation of money.

n. the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause

101. The use of cluster _____ is strictly prohibited by international law.

n. a weapon that explodes and is used to kill or injure people or to cause damage to something

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

v. to change in outward structure or looks;

103. The spaceship began to burn up as it approached the Earth's _____.

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

ANSWERS: 98. raid, 99. flux, 100. contribution, 101. bombs, 102. transformed, 103. atmosphere