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Vocabulary Builder Reference from...

Robin Ince: Science versus wonder? | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

apologize

v. to express regret for committing wrongdoing or causing a problem

synonym: excuse, justify, atone

(1) **apologize** for being late, (2) **apologize** ahead of time

I **apologize** for neglecting your email.

presentation

n. the act of formally introducing or displaying something to others; the manner in which something is presented or given visually, verbally, or otherwise

synonym: exhibition, display, speech

(1) **presentation** skills, (2) **presentation** slides

She gave a fantastic **presentation** at the conference and received a standing ovation.

gesture

n. a movement of the hands, head, or face that express a particular meaning

synonym: motion, expression, gesticulation

(1) **gesture** of goodwill, (2) hand **gesture**

She made a facial **gesture** to express disagreement.

democracy

n. a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so

synonym: self-government, republic, commonwealth

(1) **democracy** advocate, (2) principles of **democracy**
Democracy often entails inclusive capitalism as well.

infinite

adj. unlimited or very great; impossible to measure

synonym: boundless, countless, limitless

(1) **infinite** appetite, (2) **infinite** in supply

The battle had an **infinite** impact on the nation.

cage

n. a structure made of metal bars or wire in which birds or animals can be kept

synonym: enclosure, jail, corral

(1) an insect **cage**, (2) a bird in a **cage**

The trapped bear is running amok in its **cage**.

rationalism

n. a philosophical or theoretical approach that emphasizes the use of reason and logical thinking as the primary source of knowledge and basis for understanding the world, often rejecting or downplaying the role of intuition or faith

synonym: logic, reason, intellectualism

(1) economic **rationalism**, (2) religious **rationalism**

The university's philosophy department held a series of lectures discussing the influence of **rationalism** in contemporary thought.

complaint

n. a statement that expresses dissatisfaction or annoyance about something

synonym: grievance, objection, accusation

(1) **complaint** department, (2) **complaint** about price-gouging

She filed a **complaint** with the manager about the poor service.

celebrate

v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity

synonym: praise, glorify, honor

(1) **celebrate** his election, (2) **celebrate** Christmas

He **celebrated** the 10th anniversary of his tenure.

vivisection

n. the practice or method of performing surgical procedures or experiments on live animals for scientific or medical research purposes

synonym : animal experimentation, dissection

(1) ethical **vivisection**, (2) medical **vivisection**

The **vivisection** controversy has led many institutions to reconsider their stance on animal testing.

ridiculous

adj. very silly or unreasonable and deserving to be laughed at

synonym : absurd, fatuous, foolish

(1) a **ridiculous** amount of money, (2) a **ridiculous** suggestion

Everyone regarded the theory he advocated as **ridiculous** but was later proven correct.

experiment

n. the scientific test conducted to observe what happens and gain new knowledge

synonym : experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

typewriter

n. a mechanical device used for writing, consisting of type keys that, when pressed, imprint ink onto paper or other writing material, mainly used before modern computers, printers, and word processors took over

(1) **typewriter** keys, (2) electronic **typewriter**

I found an old **typewriter** at a thrift store and used it to write my novel.

element

n. a fundamental or essential part of something

synonym : component, feature, essence

(1) new design **elements**, (2) nonmetallic **elements**

Natural selection is an essential **element** in Darwin's theory

of evolution.

insist

v. to say something clearly or demand something forcefully, especially when other people disagree with or oppose what you say

synonym : demand, assert, claim

(1) **insist** on a clear answer, (2) **insist** over and over
He **insisted** that she pay her debt to the last penny.

ruin

v. to damage, spoil, or demolish something; (noun) an unrecoverable state of devastation and destruction,

synonym : bankrupt, demolish, destroy

(1) **ruin** the plan, (2) **ruin** the reputation

He knocked over the red wine and **ruined** the tablecloth.

magic

n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

synonym : fascination, illusion, wizardry

(1) a **magic** spell, (2) she is **magic**

He performed **magic** tricks with sophisticated moves.

graduate

n. a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree

synonym : alumna, alum, grad

(1) **graduate** degree program, (2) honor **graduate**

Many employers hire **graduate** trainees to train as managers.

myth

n. an ancient story or set of stories accepted as history, especially explaining the worldview of a people

synonym : fable, legend, lore

(1) the **myth** of an old religion, (2) perpetuate a **myth**

With the financial bubble bursting, the **myth** of economic growth in investment banking collapsed.

loathe

v. to feel strong hatred or disgust for someone or something; to be unwilling or reluctant to do something

synonym: despise, hate, abominate

(1) **loathe** violence, (2) **loathe** broccoli

I absolutely **loathe** spiders and can't stand to be near them.

replace

v. to take the place of something

synonym: substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone

Eventually, the new design will **replace** all older models.

astrology

n. the study of the movements and relative positions of celestial bodies interpreted as having an influence on human affairs and the natural world

synonym: horoscope, star divination, celestial prediction

(1) **astrology** chart, (2) delve into **astrology**

He was fascinated by ancient **astrology** and spent hours studying horoscopes.

instance

n. a particular example or single occurrence of something

synonym: example, sample, illustration

(1) for **instance**, (2) notable **instance**

These articles cite five **instances** of climate change.

rationalist

adj. relating to or based on the belief in reason, logic, and critical thinking as the primary source of knowledge or justification; rejecting or skeptical of religious or mystical explanations; (noun) a person who believes or practices rationalism, a philosophical doctrine stating that knowledge and truth are primarily, or solely, derived from reason and logical thinking

synonym: rational, logical, reasoning

(1) **rationalist** philosophy, (2) evolutionary **rationalist**

The **rationalist** approach to solving the problem involves analyzing data rather than going by gut feelings.

banal

adj. lacking originality, creativity, or freshness; uninteresting or dull due to being overused or overly familiar

synonym : trite, mundane, dull

(1) **banal** conversation, (2) **banal** plot

The restaurant's menu had a **banal** selection of generic dishes with no unique or exciting options.

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.

prediction

n. the act of predicting the future by reasoning; a statement made about the future

synonym : forecast, anticipation, foretelling

(1) make my **predictions**, (2) gloomy **predictions**

These results muddied the **prediction**.

galaxy

n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

synonym : star cluster, nebula, star system

(1) elliptic **galaxy**, (2) a **galaxy** of famous actors

The Milky Way **galaxy** has numerous water-bearing planets.

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**.

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.

- 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.
- chart** *n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
synonym : diagram, graph, map
(1) a weather **chart**, (2) a statistical **chart**
This pie **chart** represents our market share.
- engulf** *v.* to swallow up; to surround and cover completely
synonym : swallow, submerge, inundate
(1) **engulf** the politician, (2) **engulf** in water
The fire quickly **engulfed** the entire building.
- giant** *adj.* enormous; much bigger or more important than similar items usually are
synonym : big, gigantic, huge
(1) **giant** trees, (2) **giant** tech company
The **giant** jets gradually dominate the world's airlines.
- fascinating** *adj.* extremely interesting
synonym : alluring, intriguing, captivating
(1) **fascinating** story, (2) completely **fascinating** to me
The museum houses a **fascinating** collection of Celtic artifacts.
- terrifying** *adj.* very frightening or intimidating
synonym : frightening, intimidating, alarming
(1) **terrifying** experience, (2) **terrifying** events
Large earthquakes often generate **terrifying** tsunamis.

quantum

n. the smallest amount or unit of something, especially (electromagnetic) energy

(1) probabilistic **quantum** theory, (2) laws of **quantum** mechanics

Big techs are now eager to develop **quantum** computers.

interpretation

n. an explanation or opinion of something, especially that is not immediately obvious

synonym: rendering, explanation, understanding

(1) the **interpretation** of history, (2) open to **interpretation**

His **interpretations** of literary works are often unique.

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.

permutation

n. the act or process of rearranging or reordering a set of elements or objects in a different sequence or configuration; a specific arrangement or order of a set of elements or objects

synonym: variation, transformation, alteration

(1) **permutation** formula, (2) **permutation** test

Scientists study the **permutations** of chemical elements and compounds to better understand their properties and potential uses.

universe

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

synonym: cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**

The **universe** is about 13.8 billion years old.

(1) **conscious** effort, (2) **conscious** of having succeeded
He became **conscious** that he was being followed.

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.

myriad

adj. a very large number

synonym: numerous, countless, infinite

(1) **myriad** differences, (2) a **myriad** of choices

The artist featured **myriad** colors and patterns, creating a vibrant and dynamic piece.

pulsar

n. a highly magnetized, rotating neutron star that emits beams of electromagnetic radiation, which can be observed as regular pulses of light

synonym: neutron star, pulsating star, radio star

(1) **pulsar** magnetosphere, (2) gamma-ray **pulsar**

The astronomers detected a **pulsar** in the center of the galaxy.

occupant

n. a person who lives or works at a particular place for a long time or who was born there

synonym: denizen, dweller, resident

(1) illegal **occupant**, (2) rear seat **occupants**

He found graffiti left by a previous **occupant** of the house.

wasteful

adj. characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense

synonym: uneconomical, extravagant, profligate

(1) **wasteful** practices, (2) **wasteful** habits

Buying new clothes every week is a **wasteful** use of money and resources.

recyclability

n. the degree to which a material or product can be reused or repurposed after it has served its original function, without requiring significant modifications or environmental harm

synonym: reusability, sustainability, renewability

(1) **recyclability** rate, (2) low **recyclability** problem

The **recyclability** of electronic devices is a significant challenge due to the complexity of their components.

refuse

v. to show that one is not willing to do or accept something

synonym: turn down, deny, decline

(1) **refuse** a request, (2) **refuse** the company

My initial reaction was to **refuse**.

sac

n. a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant

synonym: bag, pouch, knapsack

(1) **sac** contents, (2) abdominal **sac**

I placed my valuables in the **sac** before heading out on my hike.

honesty

n. the quality of being truthful, sincere, and morally upright; adherence to moral and ethical principles

synonym: sincerity, integrity, truthfulness

(1) **honesty** policy, (2) **honesty** box

A culture of **honesty** in the workplace leads to better communication and productivity.

pheromone

n. a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species

synonym: scent, odor, aroma

(1) **pheromone** trail, (2) sexual **pheromone**

The perfume industry often uses synthetic **pheromones** to enhance their products' appeal.

olfactory

adj. relating to the sense of smell; connected with the perception of odors or scents

synonym: olfactive, scent-based, aromatic

(1) **olfactory** cortex, (2) **olfactory** memory

The **olfactory** senses play a key role in our taste and flavor perception.

receptor

n. an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

(1) cellular **receptor**, (2) **receptor** for HIV in humans

Hay fever occurs when a substance called histamine binds to **receptors** in the nose and eyes.

probable

adj. likely to happen or likely to be true

synonym: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

personality

n. a person's distinct combination of character, behavioral, temperamental, emotional, and mental traits that define them as an individual and set them apart from others

synonym: character, disposition, temperament

(1) **personality** trait, (2) **personality** test

She had a vibrant **personality** that made everyone feel at ease.

punch

v. to strike someone or something with one's fist; to make a hole in something

synonym: hit, strike, slap

(1) **punch** out numbers, (2) **punch** a ticket

He **punched** the wall in anger.

occurrence

n. an event, incident, or happening; something that happens or takes place

synonym: event, incident, happening

(1) rare **occurrence**, (2) frequent **occurrence**

The doctor said that the **occurrence** of these symptoms may indicate a more serious condition.

momentum

n. the force or power that is gained by a moving object; a strength or impetus gained through a process of development or activity

synonym: impetus, drive, thrust

(1) angular **momentum**, (2) **momentum** toward democracy

The team gained **momentum** after scoring their first goal.

vector

n. a quantity that has both magnitude and direction, often used in mathematics, physics, and engineering to describe forces, velocities, or other physical phenomena; any agent (person or animal, or microorganism) that carries and transmits a disease

synonym: carrier, transporter, conveyor

(1) disease **vector**, (2) a **vector** operation

The mosquito is a common **vector** for many diseases, including malaria and Zika.

constant

adj. happening repeatedly or all the time

synonym: ceaseless, stable, unchanging

(1) a **constant** wind, (2) a **constant** temperature

Constant dropping wears away the stone.

react

v. to take action in response to something

synonym: respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

spit

v. to eject saliva or other liquid from the mouth

synonym: expectorate, saliva, spew

(1) **spit** a bullet, (2) **spit** a mouthful of saliva
She tried to **spit** out the gum that she had been chewing.

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.

predilection

n. a preference or inclination for something; a liking or fondness for something

synonym: inclination, leaning, preference

(1) **predilection** for chocolate, (2) a strong **predilection** for dogs

Her **predilection** for spicy food made her the go-to person for restaurant recommendations.

survival

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

synonym: endurance, continuity

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

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

gene

n. the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

synonym: factor, cistron

(1) **gene** expression, (2) **gene** cloning

A defective **gene** is responsible for the disease.

unconditional

adj. not subject to any conditions; absolute or complete; not limited by any qualifications or restrictions

synonym: absolute, complete, unqualified

(1) **unconditional** forgiveness, (2) **unconditional** support

Her love for him was **unconditional**, despite all of his flaws.

excitement

n. a feeling of great enthusiasm and eagerness

synonym:

thrill, exhilaration, incitement

(1) the **excitement** in the business world, (2) aesthetic **excitement**

The **excitement** of the upcoming concert was palpable among the crowd.

mechanics

n. the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles

synonym: kinematics, dynamics

(1) **mechanics** equation, (2) **mechanics** of the game

He studied **mechanics** in college and now works as an engineer.

excuse

n. a reason or explanation, either true or invented, given to justify a fault or defend your behavior; (verb) to make someone free from blame or clear from guilt

synonym: apology, justification, reason

(1) **excuse** for inaction, (2) perfect **excuse**

He quickly fabricated an **excuse** for not attending the meeting.

housework

n. the tasks involved in cleaning and maintaining a house

synonym: chores, cleaning, domestic duties

(1) **housework** robot, (2) light **housework**

She didn't mind doing the **housework** as long as it kept her busy and productive.

observe

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

synonym: watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

anthropology

n. the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species

(1) social **anthropology**, (2) **anthropology** of religion

The areas of **anthropology** and psychology are significantly related to one another.

principle

n. a fundamental law or truth that explains or controls how something happens or works

synonym: rule, creed, code

(1) **principle** of treatment, (2) **principle** in business

Efficiency isn't an essential **principle** here; fairness is.

vacuum

n. a space empty of matter; a device or tool used for cleaning or removing debris by creating suction

synonym: void, emptiness, gap

(1) **vacuum** cleaner, (2) **vacuum** packing

Please use the **vacuum** to clean up the mess on the floor.

oxygen

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**

The passenger grabbed for the **oxygen** mask.

frame

n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

synonym: body, skeleton, scaffolding

(1) a picture **frame**, (2) the **frame** of the policy

The detective looked for fingerprints on the window **frame**.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

safari

n. an expedition, usually with a guide, for viewing or hunting wild animals, especially in Africa

synonym: expedition, journey, exploration

(1) **safari** adventure, (2) **safari** park

Going on a **safari** to see wild animals up close is a unique experience.

Jovian

adj. relating to Jupiter or its characteristics

synonym: Jupiter, giant planet

(1) **Jovian** satellites, (2) **Jovian** planet

The **Jovian** moon Europa is believed to have an ocean beneath its icy surface.

disappoint

v. to fail to meet someone or their hopes or expectations; to make someone feel sad

synonym: sadden, dismay, frustrate

(1) **disappoint** the audience, (2) don't **disappoint** me

She worked very hard not to **disappoint** her boss's expectations.

brain

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

synonym: intellect, mind, encephalon

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

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

complexity

n. the state or quality of being complicated or intricate and difficult to understand

synonym: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed

Her response revealed **incredible** idiocy.

laureate

n. a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work

(1) Oscar **laureate**, (2) poet **laureate**

The Nobel **laureate** delivered an inspiring speech to the graduating class.

comprehensible

adj. able to be understood or grasped by the mind; clear and understandable

synonym : understandable, intelligible, clear

(1) **comprehensible** language, (2) **comprehensible** to everyone

The textbook explanation made the difficult concept **comprehensible** to the students.

pointless

adj. having no purpose or reason; serving no useful function; meaningless or senseless

synonym : meaningless, purposeless, worthless

(1) **pointless** argument, (2) **pointless** task

The meeting was considered **pointless** since nothing was accomplished.

nihilist

n. a person who rejects all religious, moral, and political beliefs and values; a person who believes life is meaningless and void of purpose

synonym : anarchist, cynic, skeptic

(1) violent **nihilist**, (2) militant **nihilist**

The professor accused the student of being a **nihilist** for constantly challenging the course material.

idiot

n. a foolish or stupid person who lacks common sense or judgment; a derogatory term used to describe someone who is mentally deficient

synonym: dummy, imbecile, bubblehead

(1) **idiot** driver, (2) what an **idiot**

He acted like an **idiot** and spilled his drink all over the floor.

individual

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

synonym: person, being, self

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

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

Session 2: Spelling

1. ba__l plot *adj.* lacking originality, creativity, or freshness; uninteresting or dull due to being overused or overly familiar
2. frequent occ_____ce *n.* an event, incident, or happening; something that happens or takes place
3. as_____gy chart *n.* the study of the movements and relative positions of celestial bodies interpreted as having an influence on human affairs and the natural world
4. words of co_____t *n.* a state of physical ease and freedom from pain or constraint
5. co_____us effort *adj.* being aware of and able to respond to what is happening around you
6. id__t driver *n.* a foolish or stupid person who lacks common sense or judgment; a derogatory term used to describe someone who is mentally deficient
7. the fr__e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
8. wa_____ul practices *adj.* characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense
9. low rec_____ity problem *n.* the degree to which a material or product can be reused or repurposed after it has served its original function, without requiring significant modifications or environmental harm

ANSWERS: 1. banal, 2. occurrence, 3. astrology, 4. comfort, 5. conscious, 6. idiot, 7. frame, 8. wasteful, 9. recyclability

10. expansion of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
11. 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
12. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
13. va____m cleaner *n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
14. a co_____nt wind *adj.* happening repeatedly or all the time
15. g__e cloning *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
16. a ga____y of famous actors *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
17. en____f in water *v.* to swallow up; to surround and cover completely
18. in____t on a clear answer *v.* to say something clearly or demand something forcefully, especially when other people disagree with or oppose what you say
19. poet la_____te *n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work

ANSWERS: 10. universe, 11. decision, 12. complexity, 13. vacuum, 14. constant, 15. gene, 16. galaxy, 17. engulf, 18. insist, 19. laureate

20. the exc_____nt in the business world
n. a feeling of great enthusiasm and eagerness
21. a so__r eclipse
adj. of, from, or relating to the sun
22. af_____fe name
n. life after death, as believed in many cultures and religious traditions
23. probabilistic qu_____m theory
n. the smallest amount or unit of something, especially (electromagnetic) energy
24. ethical viv_____on
n. the practice or method of performing surgical procedures or experiments on live animals for scientific or medical research purposes
25. ind_____al freedom
n. a single person or thing, as distinct from a group
26. re_____or for HIV in humans
n. an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
27. make my pre_____ons
n. the act of predicting the future by reasoning; a statement made about the future
28. su_____al ability
n. the state of continuing to exist or live, frequently in the face of difficulty or danger
29. ap_____ze for being late
v. to express regret for committing wrongdoing or causing a problem
30. what an id__t
n. a foolish or stupid person who lacks common sense or judgment; a derogatory term used to describe someone who is mentally deficient

ANSWERS: 20. excitement, 21. solar, 22. afterlife, 23. quantum, 24. vivisection, 25. individual, 26. receptor, 27. prediction, 28. survival, 29. apologize, 30. idiot

31. rec_____ity rate *n.* the degree to which a material or product can be reused or repurposed after it has served its original function, without requiring significant modifications or environmental harm
32. com_____ble language *adj.* able to be understood or grasped by the mind; clear and understandable
33. a private ind_____al *n.* a single person or thing, as distinct from a group
34. pr_____le outcome *adj.* likely to happen or likely to be true
35. the so__r system *adj.* of, from, or relating to the sun
36. the m__h of an old religion *n.* an ancient story or set of stories accepted as history, especially explaining the worldview of a people
37. gamma-ray pu____r *n.* a highly magnetized, rotating neutron star that emits beams of electromagnetic radiation, which can be observed as regular pulses of light
38. a ve____r operation *n.* a quantity that has both magnitude and direction, often used in mathematics, physics, and engineering to describe forces, velocities, or other physical phenomena; any agent (person or animal, or microorganism) that carries and transmits a disease
39. cellular re_____or *n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

ANSWERS: 31. recyclability, 32. comprehensible, 33. individual, 34. probable, 35. solar, 36. myth, 37. pulsar, 38. vector, 39. receptor

40. violent ni____st *n.* a person who rejects all religious, moral, and political beliefs and values; a person who believes life is meaningless and void of purpose
41. pr____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
42. s__t a mouthful of saliva *v.* to eject saliva or other liquid from the mouth
43. legal pr____o *n.* a condition or stipulation added to an agreement, contract, or law, usually specifying a particular requirement or limitation that must be met for the agreement to be valid or effective
44. s_c contents *n.* a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant
45. social ant____ogy *n.* the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species
46. ce____te his election *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
47. a rid____us suggestion *adj.* very silly or unreasonable and deserving to be laughed at
48. new design el____ts *n.* a fundamental or essential part of something

ANSWERS: 40. nihilist, 41. predict, 42. spit, 43. proviso, 44. sac, 45. anthropology, 46. celebrate, 47. ridiculous, 48. element

49. militant ni_____st *n.* a person who rejects all religious, moral, and political beliefs and values; a person who believes life is meaningless and void of purpose
50. at inc_____le speed *adj.* unbelievable; enormous
51. co_____t level *n.* a state of physical ease and freedom from pain or constraint
52. ob_____e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
53. theory of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
54. a rid_____us amount of money *adj.* very silly or unreasonable and deserving to be laughed at
55. typ_____er keys *n.* a mechanical device used for writing, consisting of type keys that, when pressed, imprint ink onto paper or other writing material, mainly used before modern computers, printers, and word processors took over
56. rei_____ion cycle *n.* the rebirth of a soul in a new body
57. a bird in a c___e *n.* a structure made of metal bars or wire in which birds or animals can be kept
58. r__n the plan *v.* to damage, spoil, or demolish something; (noun) an unrecoverable state of devastation and destruction,

ANSWERS: 49. nihilist, 50. incredible, 51. comfort, 52. observe, 53. universe, 54. ridiculous, 55. typewriter, 56. reincarnation, 57. cage, 58. ruin

59. rei_____ion belief *n.* the rebirth of a soul in a new body
60. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
61. light ho_____rk *n.* the tasks involved in cleaning and maintaining a house
62. pu__h out numbers *v.* to strike someone or something with one's fist; to make a hole in something
63. pre_____ion slides *n.* the act of formally introducing or displaying something to others; the manner in which something is presented or given visually, verbally, or otherwise
64. angular mo_____um *n.* the force or power that is gained by a moving object; a strength or impetus gained through a process of development or activity
65. pr_____le cause of a fire *adj.* likely to happen or likely to be true
66. com_____ble to everyone *adj.* able to be understood or grasped by the mind; clear and understandable
67. the hydrogen binds the ox____n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
68. my____d differences *adj.* a very large number
69. medical viv_____on *n.* the practice or method of performing surgical procedures or experiments on live animals for scientific or medical research purposes

ANSWERS: 59. reincarnation, 60. brain, 61. housework, 62. punch, 63. presentation, 64. momentum, 65. probable, 66. comprehensible, 67. oxygen, 68. myriad, 69. vivisection

70. religious rat_____sm *n.* a philosophical or theoretical approach that emphasizes the use of reason and logical thinking as the primary source of knowledge and basis for understanding the world, often rejecting or downplaying the role of intuition or faith
71. disease ve____r *n.* a quantity that has both magnitude and direction, often used in mathematics, physics, and engineering to describe forces, velocities, or other physical phenomena; any agent (person or animal, or microorganism) that carries and transmits a disease
72. electronic typ_____er *n.* a mechanical device used for writing, consisting of type keys that, when pressed, imprint ink onto paper or other writing material, mainly used before modern computers, printers, and word processors took over
73. en____f the politician *v.* to swallow up; to surround and cover completely
74. illegal oc_____nt *n.* a person who lives or works at a particular place for a long time or who was born there
75. per_____on test *n.* the act or process of rearranging or reordering a set of elements or objects in a different sequence or configuration; a specific arrangement or order of a set of elements or objects
76. rare occ_____ce *n.* an event, incident, or happening; something that happens or takes place

ANSWERS: 70. rationalism, 71. vector, 72. typewriter, 73. engulf, 74. occupant, 75. permutation, 76. occurrence

77. delve into as_____gy *n.* the study of the movements and relative positions of celestial bodies interpreted as having an influence on human affairs and the natural world
78. co_____us of having succeeded *adj.* being aware of and able to respond to what is happening around you
79. per_____on formula *n.* the act or process of rearranging or reordering a set of elements or objects in a different sequence or configuration; a specific arrangement or order of a set of elements or objects
80. sa___i adventure *n.* an expedition, usually with a guide, for viewing or hunting wild animals, especially in Africa
81. co_____nt department *n.* a statement that expresses dissatisfaction or annoyance about something
82. ho_____rk robot *n.* the tasks involved in cleaning and maintaining a house
83. 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
84. elliptic ga___y *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
85. lo___e broccoli *v.* to feel strong hatred or disgust for someone or something; to be unwilling or reluctant to do something

ANSWERS: 77. astrology, 78. conscious, 79. permutation, 80. safari, 81. complaint, 82. housework, 83. atom, 84. galaxy, 85. loathe

86. re___e a request *v.* to show that one is not willing to do or accept something
87. per_____ty test *n.* a person's distinct combination of character, behavioral, temperamental, emotional, and mental traits that define them as an individual and set them apart from others
88. a picture fr__e *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
89. pr_____le in business *n.* a fundamental law or truth that explains or controls how something happens or works
90. ant_____ogy of religion *n.* the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species
91. save the pl___t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
92. re___e a phone *v.* to take the place of something
93. an insect c__e *n.* a structure made of metal bars or wire in which birds or animals can be kept
94. human ev_____on *n.* a gradual process of transformation of living things
95. ast_____cal observation *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude

ANSWERS: 86. refuse, 87. personality, 88. frame, 89. principle, 90. anthropology, 91. planet, 92. replace, 93. cage, 94. evolution, 95. astronomical

96. ho____y policy *n.* the quality of being truthful, sincere, and morally upright; adherence to moral and ethical principles
97. ho____y box *n.* the quality of being truthful, sincere, and morally upright; adherence to moral and ethical principles
98. ba__l conversation *adj.* lacking originality, creativity, or freshness; uninteresting or dull due to being overused or overly familiar
99. re___e the company *v.* to show that one is not willing to do or accept something
100. po_____ss argument *adj.* having no purpose or reason; serving no useful function; meaningless or senseless
101. completely fas_____ng to me *adj.* extremely interesting
102. po_____ss task *adj.* having no purpose or reason; serving no useful function; meaningless or senseless
103. me_____cs equation *n.* the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles
104. don't dis_____nt me *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
105. rat_____st philosophy *adj.* relating to or based on the belief in reason, logic, and critical thinking as the primary source of knowledge or justification; rejecting or skeptical of religious or mystical explanations; (noun) a person who believes or practices rationalism, a philosophical doctrine stating that knowledge and truth are primarily, or solely, derived from reason and logical thinking

ANSWERS: 96. honesty, 97. honesty, 98. banal, 99. refuse, 100. pointless, 101.

fascinating, 102. pointless, 103. mechanics, 104. disappoint, 105. rationalist

106. ev_____on theory *n.* a gradual process of transformation of living things
107. ast_____cal numbers *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
108. in___t over and over *v.* to say something clearly or demand something forcefully, especially when other people disagree with or oppose what you say
109. g__e expression *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
110. pu__h a ticket *v.* to strike someone or something with one's fist; to make a hole in something
111. ter_____ng experience *adj.* very frightening or intimidating
112. per_____ty trait *n.* a person's distinct combination of character, behavioral, temperamental, emotional, and mental traits that define them as an individual and set them apart from others
113. a statistical ch__t *n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
114. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 106. evolution, 107. astronomical, 108. insist, 109. gene, 110. punch, 111. terrifying, 112. personality, 113. chart, 114. planet

115. abdominal s_c *n.* a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant
116. sexual ph_____ne *n.* a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species
117. rear seat oc_____nts *n.* a person who lives or works at a particular place for a long time or who was born there
118. in_____te appetite *adj.* unlimited or very great; impossible to measure
119. pu___r magnetosphere *n.* a highly magnetized, rotating neutron star that emits beams of electromagnetic radiation, which can be observed as regular pulses of light
120. she is ma__c *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
121. lack of ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
122. ter_____ng events *adj.* very frightening or intimidating
123. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge

ANSWERS: 115. sac, 116. pheromone, 117. occupant, 118. infinite, 119. pulsar, 120. magic, 121. oxygen, 122. terrifying, 123. experiment

124. hand ge_____e *n.* a movement of the hands, head, or face that express a particular meaning
125. Jo____n satellites *adj.* relating to Jupiter or its characteristics
126. nonmetallic el_____ts *n.* a fundamental or essential part of something
127. honor gr_____te *n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
128. me_____cs of the game *n.* the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles
129. a weather ch__t *n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
130. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
131. principles of de_____cy *n.* a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so
132. unc_____nal forgiveness *adj.* not subject to any conditions; absolute or complete; not limited by any qualifications or restrictions
133. lo___e violence *v.* to feel strong hatred or disgust for someone or something; to be unwilling or reluctant to do something

ANSWERS: 124. gesture, 125. Jovian, 126. element, 127. graduate, 128. mechanics, 129. chart, 130. experiment, 131. democracy, 132. unconditional, 133. loathe

134. 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
135. ph_____ne trail *n.* a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species
136. pre_____ion for chocolate *n.* a preference or inclination for something; a liking or fondness for something
137. re_____e one word with another *v.* to take the place of something
138. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
139. economic rat_____sm *n.* a philosophical or theoretical approach that emphasizes the use of reason and logical thinking as the primary source of knowledge and basis for understanding the world, often rejecting or downplaying the role of intuition or faith
140. a co_____nt temperature *adj.* happening repeatedly or all the time
141. ol_____ry memory *adj.* relating to the sense of smell; connected with the perception of odors or scents
142. fas_____ng story *adj.* extremely interesting
143. perfect ex___e *n.* a reason or explanation, either true or invented, given to justify a fault or defend your behavior; (verb) to make someone free from blame or clear from guilt

ANSWERS: 134. atom, 135. pheromone, 136. predilection, 137. replace, 138. complexity, 139. rationalism, 140. constant, 141. olfactory, 142. fascinating, 143. excuse

144. va___m packing *n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
145. re__t against his way of thinking *v.* to take action in response to something
146. evolutionary rat_____st *adj.* relating to or based on the belief in reason, logic, and critical thinking as the primary source of knowledge or justification; rejecting or skeptical of religious or mystical explanations; (noun) a person who believes or practices rationalism, a philosophical doctrine stating that knowledge and truth are primarily, or solely, derived from reason and logical thinking
147. Jo___n planet *adj.* relating to Jupiter or its characteristics
148. under the pr_____o *n.* a condition or stipulation added to an agreement, contract, or law, usually specifying a particular requirement or limitation that must be met for the agreement to be valid or effective
149. ol_____ry cortex *adj.* relating to the sense of smell; connected with the perception of odors or scents
150. r_b a glass window *v.* to move one's hand or an object over the surface of something with pressure
151. su_____al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
152. r_b shoulders *v.* to move one's hand or an object over the surface of something with pressure

ANSWERS: 144. vacuum, 145. react, 146. rationalist, 147. Jovian, 148. proviso, 149. olfactory, 150. rub, 151. survival, 152. rub

153. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
154. ge_____e of goodwill *n.* a movement of the hands, head, or face that express a particular meaning
155. sa___i park *n.* an expedition, usually with a guide, for viewing or hunting wild animals, especially in Africa
156. gr_____te degree program *n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
157. ce_____te Christmas *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
158. perpetuate a m__h *n.* an ancient story or set of stories accepted as history, especially explaining the worldview of a people
159. pre_____ion skills *n.* the act of formally introducing or displaying something to others; the manner in which something is presented or given visually, verbally, or otherwise
160. a my___d of choices *adj.* a very large number
161. laws of qu_____m mechanics *n.* the smallest amount or unit of something, especially (electromagnetic) energy
162. gloomy pre_____ons *n.* the act of predicting the future by reasoning; a statement made about the future

ANSWERS: 153. brain, 154. gesture, 155. safari, 156. graduate, 157. celebrate, 158. myth, 159. presentation, 160. myriad, 161. quantum, 162. prediction

163. gi__t tech company *adj.* enormous; much bigger or more important than similar items usually are
164. dis_____nt the audience *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
165. re__t at a high temperature *v.* to take action in response to something
166. r__n the reputation *v.* to damage, spoil, or demolish something; (noun) an unrecoverable state of devastation and destruction,
167. gi__t trees *adj.* enormous; much bigger or more important than similar items usually are
168. Oscar la_____te *n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
169. pr_____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
170. notable in_____ce *n.* a particular example or single occurrence of something
171. the int_____ion of history *n.* an explanation or opinion of something, especially that is not immediately obvious
172. co_____e head-on *v.* to hit something violently when moving
173. aesthetic exc_____nt *n.* a feeling of great enthusiasm and eagerness

ANSWERS: 163. giant, 164. disappoint, 165. react, 166. ruin, 167. giant, 168. laureate, 169. predict, 170. instance, 171. interpretation, 172. collide, 173. excitement

174. unc_____nal support *adj.* not subject to any conditions; absolute or complete; not limited by any qualifications or restrictions
175. ex___e for inaction *n.* a reason or explanation, either true or invented, given to justify a fault or defend your behavior; (verb) to make someone free from blame or clear from guilt
176. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
177. mo_____um toward democracy *n.* the force or power that is gained by a moving object; a strength or impetus gained through a process of development or activity
178. s__t a bullet *v.* to eject saliva or other liquid from the mouth
179. in_____te in supply *adj.* unlimited or very great; impossible to measure
180. co_____e in midair *v.* to hit something violently when moving
181. for in_____ce *n.* a particular example or single occurrence of something
182. ob_____e wildlife *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
183. corporate af_____fe *n.* life after death, as believed in many cultures and religious traditions

ANSWERS: 174. unconditional, 175. excuse, 176. decision, 177. momentum, 178. spit, 179. infinite, 180. collide, 181. instance, 182. observe, 183. afterlife

184. de_____cy advocate *n.* a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so
185. open to int_____ion *n.* an explanation or opinion of something, especially that is not immediately obvious
186. a ma__c spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
187. pr_____le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
188. ap_____ze ahead of time *v.* to express regret for committing wrongdoing or causing a problem
189. wa_____ul habits *adj.* characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense
190. inc_____le amount *adj.* unbelievable; enormous
191. a strong pre_____ion for dogs *n.* a preference or inclination for something; a liking or fondness for something
192. co_____nt about price-gouging *n.* a statement that expresses dissatisfaction or annoyance about something

ANSWERS: 184. democracy, 185. interpretation, 186. magic, 187. principle, 188. apologize, 189. wasteful, 190. incredible, 191. predilection, 192. complaint

Session 3: Fill in the Blanks

1. He performed _____ tricks with sophisticated moves.
n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

2. Her love for him was _____ despite all of his flaws.
adj. not subject to any conditions; absolute or complete; not limited by any qualifications or restrictions

3. The astronomers detected a _____ in the center of the galaxy.
n. a highly magnetized, rotating neutron star that emits beams of electromagnetic radiation, which can be observed as regular pulses of light

4. She had a vibrant _____ that made everyone feel at ease.
n. a person's distinct combination of character, behavioral, temperamental, emotional, and mental traits that define them as an individual and set them apart from others

5. She didn't mind doing the _____ as long as it kept her busy and productive.
n. the tasks involved in cleaning and maintaining a house

6. He studied _____ in college and now works as an engineer.
n. the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles

7. These results muddied the _____.
n. the act of predicting the future by reasoning; a statement made about the future

ANSWERS: 1. magic, 2. unconditional, 3. pulsar, 4. personality, 5. housework, 6. mechanics, 7. prediction

8. Many employers hire _____ trainees to train as managers.
n. a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
9. The team gained _____ after scoring their first goal.
n. the force or power that is gained by a moving object; a strength or impetus gained through a process of development or activity
10. The Milky Way _____ has numerous water-bearing planets.
n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
11. He _____ that she pay her debt to the last penny.
v. to say something clearly or demand something forcefully, especially when other people disagree with or oppose what you say
12. She worked very hard not to _____ her boss's expectations.
v. to fail to meet someone or their hopes or expectations; to make someone feel sad
13. _____ often entails inclusive capitalism as well.
n. a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so
14. Going on a _____ to see wild animals up close is a unique experience.
n. an expedition, usually with a guide, for viewing or hunting wild animals, especially in Africa
15. The restaurant's menu had a _____ selection of generic dishes with no unique or exciting options.
adj. lacking originality, creativity, or freshness; uninteresting or dull due to being overused or overly familiar

ANSWERS: 8. graduate, 9. momentum, 10. galaxy, 11. insisted, 12. disappoint, 13. Democracy, 14. safari, 15. banal

16. 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
17. She _____ the sore spot on her leg to ease the pain.
v. to move one's hand or an object over the surface of something with pressure
18. _____ dropping wears away the stone.
adj. happening repeatedly or all the time
19. The detective looked for fingerprints on the window _____.
n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
20. Hay fever occurs when a substance called histamine binds to _____ in the nose and eyes.
n. an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
21. It is important to _____ safety procedures in the workplace to prevent accidents.
v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
22. His _____ of literary works are often unique.
n. an explanation or opinion of something, especially that is not immediately obvious
23. The _____ jets gradually dominate the world's airlines.
adj. enormous; much bigger or more important than similar items usually are

ANSWERS: 16. atom, 17. rubbed, 18. Constant, 19. frame, 20. receptors, 21. observe, 22. interpretations, 23. giant

24. The mosquito is a common _____ for many diseases, including malaria and Zika.
- n.* a quantity that has both magnitude and direction, often used in mathematics, physics, and engineering to describe forces, velocities, or other physical phenomena; any agent (person or animal, or microorganism) that carries and transmits a disease
25. The battle had an _____ impact on the nation.
- adj.* unlimited or very great; impossible to measure
26. He _____ the wall in anger.
- v.* to strike someone or something with one's fist; to make a hole in something
27. The _____ is about 13.8 billion years old.
- n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
28. The meeting was considered _____ since nothing was accomplished.
- adj.* having no purpose or reason; serving no useful function; meaningless or senseless
29. He found graffiti left by a previous _____ of the house.
- n.* a person who lives or works at a particular place for a long time or who was born there
30. He evaluated his chances for _____ rather pessimistically.
- n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
31. A _____ in the contract allowed for termination under certain circumstances.
- n.* a condition or stipulation added to an agreement, contract, or law, usually specifying a particular requirement or limitation that must be met for the agreement to be valid or effective

ANSWERS: 24. vector, 25. infinite, 26. punched, 27. universe, 28. pointless, 29. occupant, 30. survival, 31. proviso

32. 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

33. Please use the _____ to clean up the mess on the floor.

n. a space empty of matter; a device or tool used for cleaning or removing debris by creating suction

34. The _____ of the upcoming concert was palpable among the crowd.

n. a feeling of great enthusiasm and eagerness

35. A defective _____ is responsible for the disease.

n. the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

36. Mercury is the closest _____ to the sun.

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

37. The areas of _____ and psychology are significantly related to one another.

n. the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species

38. 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: 32. astronomical, 33. vacuum, 34. excitement, 35. gene, 36. planet, 37. anthropology, 38. predict

39. The _____ approach to solving the problem involves analyzing data rather than going by gut feelings.

adj. relating to or based on the belief in reason, logic, and critical thinking as the primary source of knowledge or justification; rejecting or skeptical of religious or mystical explanations; (noun) a person who believes or practices rationalism, a philosophical doctrine stating that knowledge and truth are primarily, or solely, derived from reason and logical thinking

40. Efficiency isn't an essential _____ here; fairness is.

n. a fundamental law or truth that explains or controls how something happens or works

41. The _____ senses play a key role in our taste and flavor perception.

adj. relating to the sense of smell; connected with the perception of odors or scents

42. The textbook explanation made the difficult concept _____ to the students.

adj. able to be understood or grasped by the mind; clear and understandable

43. With the financial bubble bursting, the _____ of economic growth in investment banking collapsed.

n. an ancient story or set of stories accepted as history, especially explaining the worldview of a people

44. The project's _____ made it difficult for the team to complete it on time.

n. the state or quality of being complicated or intricate and difficult to understand

45. Eventually, the new design will _____ all older models.

v. to take the place of something

ANSWERS: 39. rationalist, 40. principle, 41. olfactory, 42. comprehensible, 43. myth, 44. complexity, 45. replace

46. Big techs are now eager to develop _____ computers.
n. the smallest amount or unit of something, especially (electromagnetic) energy
47. As an _____ he had the right to make his own decisions and live his life as he saw fit.
n. a single person or thing, as distinct from a group
48. How did he _____ to your idea?
v. to take action in response to something
49. 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
50. I found an old _____ at a thrift store and used it to write my novel.
n. a mechanical device used for writing, consisting of type keys that, when pressed, imprint ink onto paper or other writing material, mainly used before modern computers, printers, and word processors took over
51. Large earthquakes often generate _____ tsunamis.
adj. very frightening or intimidating
52. Scientists study the _____ of chemical elements and compounds to better understand their properties and potential uses.
n. the act or process of rearranging or reordering a set of elements or objects in a different sequence or configuration; a specific arrangement or order of a set of elements or objects
53. I absolutely _____ spiders and can't stand to be near them.
v. to feel strong hatred or disgust for someone or something; to be unwilling or reluctant to do something

ANSWERS: 46. quantum, 47. individual, 48. react, 49. decision, 50. typewriter, 51. terrifying, 52. permutations, 53. loathe

54. The trapped bear is running amok in its _____.

n. a structure made of metal bars or wire in which birds or animals can be kept

55. Her response revealed _____ idiocy.

adj. unbelievable; enormous

56. The _____ of electronic devices is a significant challenge due to the complexity of their components.

n. the degree to which a material or product can be reused or repurposed after it has served its original function, without requiring significant modifications or environmental harm

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

adj. of, from, or relating to the sun

58. The _____ moon Europa is believed to have an ocean beneath its icy surface.

adj. relating to Jupiter or its characteristics

59. I _____ for neglecting your email.

v. to express regret for committing wrongdoing or causing a problem

60. The professor accused the student of being a _____ for constantly challenging the course material.

n. a person who rejects all religious, moral, and political beliefs and values; a person who believes life is meaningless and void of purpose

61. The fire quickly _____ the entire building.

v. to swallow up; to surround and cover completely

ANSWERS: 54. cage, 55. incredible, 56. recyclability, 57. Solar, 58. Jovian, 59. apologize, 60. nihilist, 61. engulfed

62. Some religions believe in the _____ of souls after death.
n. the rebirth of a soul in a new body
63. Natural selection is an essential _____ in Darwin's theory of evolution.
n. a fundamental or essential part of something
64. I placed my valuables in the ____ before heading out on my hike.
n. a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant
65. X-rays revealed a small tumor in his _____.
n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling
66. He was fascinated by ancient _____ and spent hours studying horoscopes.
n. the study of the movements and relative positions of celestial bodies interpreted as having an influence on human affairs and the natural world
67. He _____ the 10th anniversary of his tenure.
v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
68. This pie _____ represents our market share.
n. a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
69. They study the _____ of the universe.
n. a gradual process of transformation of living things

ANSWERS: 62. reincarnation, 63. element, 64. sac, 65. brain, 66. astrology, 67. celebrated, 68. chart, 69. evolution

70. The Nobel _____ delivered an inspiring speech to the graduating class.
- n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
71. She made a facial _____ to express disagreement.
- n.* a movement of the hands, head, or face that express a particular meaning
72. He knocked over the red wine and _____ the tablecloth.
- v.* to damage, spoil, or demolish something; (noun) an unrecoverable state of devastation and destruction,
73. She filed a _____ with the manager about the poor service.
- n.* a statement that expresses dissatisfaction or annoyance about something
74. My initial reaction was to _____.
- v.* to show that one is not willing to do or accept something
75. The passenger grabbed for the _____ mask.
- n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
76. The doctor said that the _____ of these symptoms may indicate a more serious condition.
- n.* an event, incident, or happening; something that happens or takes place
77. He acted like an _____ and spilled his drink all over the floor.
- n.* a foolish or stupid person who lacks common sense or judgment; a derogatory term used to describe someone who is mentally deficient

ANSWERS: 70. laureate, 71. gesture, 72. ruined, 73. complaint, 74. refuse, 75. oxygen, 76. occurrence, 77. idiot

78. The museum houses a _____ collection of Celtic artifacts.

adj. extremely interesting

79. The university's philosophy department held a series of lectures discussing the influence of _____ in contemporary thought.

n. a philosophical or theoretical approach that emphasizes the use of reason and logical thinking as the primary source of knowledge and basis for understanding the world, often rejecting or downplaying the role of intuition or faith

80. It seems _____ that he has forgotten our scheduled meeting.

adj. likely to happen or likely to be true

81. He became _____ that he was being followed.

adj. being aware of and able to respond to what is happening around you

82. These articles cite five _____ of climate change.

n. a particular example or single occurrence of something

83. She tried to _____ out the gum that she had been chewing.

v. to eject saliva or other liquid from the mouth

84. The interests of the two countries _____.

v. to hit something violently when moving

85. He found _____ in the warm embrace of his loved ones.

n. a state of physical ease and freedom from pain or constraint

86. Buying new clothes every week is a _____ use of money and resources.

adj. characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense

ANSWERS: 78. fascinating, 79. rationalism, 80. probable, 81. conscious, 82. instances, 83. spit, 84. collide, 85. comfort, 86. wasteful

87. His _____ showed highly positive results.

n. the scientific test conducted to observe what happens and gain new knowledge

88. He quickly fabricated an _____ for not attending the meeting.

n. a reason or explanation, either true or invented, given to justify a fault or defend your behavior; (verb) to make someone free from blame or clear from guilt

89. The artist featured _____ colors and patterns, creating a vibrant and dynamic piece.

adj. a very large number

90. A culture of _____ in the workplace leads to better communication and productivity.

n. the quality of being truthful, sincere, and morally upright; adherence to moral and ethical principles

91. The _____ controversy has led many institutions to reconsider their stance on animal testing.

n. the practice or method of performing surgical procedures or experiments on live animals for scientific or medical research purposes

92. The belief in an _____ comforted those mourning the loss of their loved ones.

n. life after death, as believed in many cultures and religious traditions

93. Her _____ for spicy food made her the go-to person for restaurant recommendations.

n. a preference or inclination for something; a liking or fondness for something

94. Everyone regarded the theory he advocated as _____ but was later proven correct.

adj. very silly or unreasonable and deserving to be laughed at

ANSWERS: 87. experiments, 88. excuse, 89. myriad, 90. honesty, 91. vivisection, 92. afterlife, 93. predilection, 94. ridiculous

95. She gave a fantastic _____ at the conference and received a standing ovation.
- n.* the act of formally introducing or displaying something to others; the manner in which something is presented or given visually, verbally, or otherwise
96. The perfume industry often uses synthetic _____ to enhance their products' appeal.
- n.* a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species

ANSWERS: 95. presentation, 96. pheromones