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Vocabulary Builder Reference from...

Martin Rees: Is this our final century? | TED Talk

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

Advanced Words Only

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Session 1: Word List

astronomer

n. a physicist who studies astronomy

synonym: stargazer, cosmologist, astrophysicist

(1) amateur **astronomer**, (2) solar **astronomer**

This question has fascinated solar **astronomers** for decades.

cosmology

n. the scientific study of the nature and origin of the universe

synonym: cosmogony

(1) physical **cosmology**, (2) modern **cosmology**

Cosmology evolved from people's philosophical questions about the natural world.

comet

n. a celestial object consisting of a nucleus of ice and dust that goes around the sun

synonym: meteor, asteroid, meteoroid

(1) the surface of the **comet**, (2) **comet** Halley

The **comet's** bright tail could be seen in the night sky.

nuke

v. (derived from "nuclear") to attack or destroy a place or target with a nuclear weapon; to cook food in a microwave oven; (noun) a nuclear weapon, such as a nuclear bomb or missile

synonym: blast, bomb, attack

(1) **nuke** a city, (2) **nuke** missile

The government threatened to **nuke** the enemy territory if they didn't surrender.

parachute

n. a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air

(1) **parachute** troops, (2) golden **parachute**

This training includes emergency escape drills with **parachutes**.

titanic

adj. of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)

synonym: colossal, massive, immense

(1) **titanic** battle, (2) **titanic** compound

The **titanic** ship sank on its maiden voyage.

coastline

n. the particular shape of the coast (= the shore of a sea or ocean) as seen from the sea

synonym: shoreline, seashore, beach

(1) **coastline** erosion, (2) deeply indented **coastline**

The new resort was built along the **coastline**, offering stunning ocean views from every room.

methane

n. a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel

(1) atmospheric **methane**, (2) reduce **methane** emissions

The ignition of **methane** gas in the plant killed five employees.

centigrade

n. a system of temperature measurement in which the freezing point of water is 0 degrees and the boiling point of water is 100 degrees; also known as the Celsius scale

(1) **centigrade** scale, (2) **centigrade** thermometer

The temperature reached a peak of 35 degrees **centigrade**.

twinkle

v. to shine with a flickering or sparkling light; (noun) the act of shining in a bright and cheerful way

synonym : sparkle, shine, glitter

(1) **twinkle** like a star, (2) the **twinkle** of the stars

His eyes **twinkled** with mischief.

retinue

n. a group of attendants or followers who accompany an important person, such as a monarch or dignitary; an entourage of assistants and supporters

synonym : entourage, followers, suite

(1) **retinue** of servants, (2) diplomatic **retinue**

The queen's **retinue** followed closely behind her as she walked through the palace.

nebula

n. a cloud of gas and dust in space, visible in the night sky, typically as a diffuse light source

synonym : cloud, mist, stardust

(1) a spiral **nebula**, (2) emission **nebula**

The galactic **nebula** was a beautiful sight through the telescope, with its vibrant colors and swirling clouds.

supernova

n. a powerful and luminous explosion that occurs in some stars, resulting in an extremely bright, short-lived object that later fades into a supernova remnant

synonym : explosion, detonation, blast

(1) extragalactic **supernova**, (2) **supernova** remnant

The **supernova** explosion created a bright new star in the night sky.

remnant

n. a small remaining quantity of something, considered separately from what has been lost or destroyed; a surviving piece or fragment of something

synonym : remainder, leftover, residue

(1) **remnant** of the past, (2) **remnants** of fabric

The only **remnant** left of the ancient civilization was the crumbling ruins of their temples.

recycle

v. to sort and collect things to process them and produce valuable materials that can be used again

synonym : reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging into new paper

We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

smudge

n. a blurry or dirty mark or stain left by rubbing or smearing something; also, a bundle of material, such as sage or incense, that is burned to produce smoke for purification or ritual purposes

synonym : blemish, mark, stain

(1) ink **smudge**, (2) lipstick **smudge**

She accidentally left a **smudge** on the newly painted wall.

scant

adj. barely sufficient or adequate; lacking in quantity or amount

synonym : minimal, scanty, sparse

(1) **scant** resources, (2) **scant** century

There was a **scant** amount of food left in the fridge.

amorphous

adj. without a definite or clear shape or form; lacking a specific structure or organization; shapeless or formless

synonym : formless, shapeless, structureless

(1) **amorphous** amoeba, (2) **amorphous** mass

The clouded jellyfish has an **amorphous** shape, making it difficult to identify.

cosmos

n. another name for the universe, mainly used when it is thought of as an ordered system

synonym : universe, macrocosm

(1) exploration of **cosmos**, (2) origin of the **cosmos**

Supercomputers enable scientists to create computational models of the **cosmos**.

subtract

v. to take away or deduct a quantity or amount from a total;
to remove or eliminate something from a larger whole

synonym: deduct, take away, remove

(1) **subtract** numbers, (2) **subtract** one from the total

I need to **subtract** the cost of my expenses from my income to see how much money I have left.

ouroboros

n. a symbol depicting a serpent or dragon eating its tail, representing cyclicity, infinity, or self-sufficiency

synonym: circle of life, self-devouring snake

(1) **ouroboros** symbol, (2) **ouroboros** mythology

The novel's central theme mirrors the **ouroboros** concept of endless return and cyclical time.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

gravitational

adj. relating to or caused by gravity (= the force that attracts objects towards one another)

synonym: weighty, heavy, earthbound

(1) **gravitational** energy, (2) **gravitational** waves

The **gravitational** force of the black hole was so strong that nothing, not even light, could escape.

swarm

n. a group of many things, such as insects, fishes, etc., in the air or water or on the ground

synonym: horde, hive, throng

(1) a **swarm** of mosquitoes, (2) locust **swarm**

A **swarm** of angry bees attacked because we had approached the hive.

sway

- v. to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something

synonym: swing, oscillate, influence

(1) **sway** back and forth, (2) **sway** to the rhythm

The politician tried to **sway** public opinion in his favor, but his arguments fell flat.

unify

- v. to bring or join something together so that they form a single unit

synonym: bring together, consolidate, merge

(1) **unify** the system, (2) **unify** the party

The people believe that they can **unify** the country.

gastronomy

- n. the art or science of preparing and serving good food; the study of food and its relationship to culture and society

synonym: culinary art, cuisine

(1) **gastronomy** tour, (2) French **gastronomy**

The city has many restaurants that showcase the diversity of **gastronomy** worldwide.

incidentally

adv. by the way; as an aside or in passing

synonym: by chance, by accident, inadvertently

(1) **incidentally** discovered, (2) **incidentally** mentioned

Incidentally, I know the answer to that question.

speculate

- v. to form a theory or conjecture or guess about a subject without solid evidence

synonym: assume, conjecture, infer

(1) **speculate** about the reason, (2) **speculate** on the outcome

He **speculated** that this investment would lead to success.

imprison

- v. to confine a person to a prison, a detention facility, or a place of involuntary confinement

synonym : incarcerate, detain, confine

(1) **imprison** illegal immigrant, (2) **imprison** myself within the room

He was **imprisoned** for embezzlement.

depict

v. to illustrate someone or something in a photograph

synonym : illustrate, describe, express

(1) **depict** a scene, (2) **depict** a feeling of isolation

His son had accurately **depicted** the bloom.

zillion

n. an extremely large, indefinite number; a hyperbolic term used in informal language to describe a large or exaggerated quantity

synonym : countless, myriad

(1) a **zillion** photos of my childhood, (2) **zillion** possibilities

The company received a **zillion** complaints about their faulty product.

synthesize

v. to combine a substance to make a more complex product or compound

synonym : incorporate, amalgamate

(1) **synthesize** molecules, (2) **synthesize** information

The spider can **synthesize** multiple different silk proteins.

midway

adv. in the middle of a process or journey; halfway between two points or stages

synonym : halfway, in the middle

(1) **midway** between our houses, (2) **midway** through the flight

We stopped at a restaurant **midway** through our road trip for lunch.

proton

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

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

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

enlighten

v. to give someone greater knowledge or understanding about a particular subject or situation, often in a spiritual or moral sense

synonym: inform, educate, illuminate

(1) **enlighten** legions of people, (2) **enlighten** other countries

The teacher sought to **enlighten** her students by introducing them to new ideas and perspectives.

engender

v. to make a feeling or situation exist; to cause or give rise to

synonym: beget, spawn, generate

(1) **engender** a crisis, (2) **engender** the trust

The discussion about war helps **engender** a sense of shared humanity.

efface

v. to erase or obliterate something completely; to make something disappear or become less prominent

synonym: erase, delete, wipe out

(1) **efface** a memory, (2) **efface** a blemish

The cleaning crew had to **efface** the stubborn stain from the carpet using a specialized cleaner

gratification

n. the feeling of being pleased or satisfied as a result of achieving something or having something you want

synonym: satisfaction, pleasure, contentment

(1) instant **gratification**, (2) aesthetic **gratification**

The **gratification** of completing a difficult task is a great feeling.

physique

n. the form, structure, and composition of a person's body, especially concerning their physique or health; the body's physical abilities or limitations

synonym: build, shape, anatomy

(1) well-built **physique**, (2) build up my **physique**
He has a muscular **physique** from his years of weightlifting.

cyber

adj. relating to or involving computers, computer networks, or virtual reality

synonym: digital, computer, Internet

(1) **cyber** bullying, (2) **cyber** crime

Cyber espionage between countries can have serious consequences.

benign

adj. kind and gentle; not harmful or malicious

synonym: kind, gentle, harmless

(1) **benign** tumor, (2) a **benign** smile

The lump was discovered to be **benign**, and no further treatment was needed.

marvelous

adj. causing wonder or astonishment; excellent

synonym: wonderful, amazing, superb

(1) **marvelous** performance, (2) **marvelous** power

The view from the top of the mountain was **marvelous**.

interconnect

v. to connect similar things

synonym: interlink, complect, annex

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

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

empower

v. to give someone the power or authority to do something

synonym: authorize, endow, entitle

(1) **empower** my life, (2) **empower** the secretary to do the same

The company **empowered** employees to buy low-price items without approval to achieve efficient purchasing.

fanatic

adj. characterized by excessive enthusiasm or zeal; displaying irrational or extreme devotion to a cause,

ideology, or person, often to the point of intolerance or extremism

synonym: zealous, extremist, passionate

(1) **fanatic** about germs, (2) **fanatic** devotion

The **fanatic** supporters of the sports team traveled across the country to watch the match.

weirdo

n. a person who looks strange and behaves strangely

synonym: freak, oddball, geek

(1) treated as a **weirdo**, (2) a total **weirdo**

The CEO was once a **weirdo**, wandering barefoot around the university.

mindset

n. the established set of attitudes or fixed ideas held by someone

synonym: attitude, ethos, mentality

(1) flexible **mindset**, (2) the **mindset** in an education system

Countries whose goal is economic development often focus on fostering an entrepreneurial **mindset** in each individual.

catastrophe

n. a sudden event that causes extreme ruin and misfortune

synonym: disaster, calamity, cataclysm

(1) **catastrophe** risk management, (2) avoid climate **catastrophe**

The lack of funds has resulted in a **catastrophe** for our university system.

misadventure

n. an unfortunate incident or an accident, especially one that results in harm or injury

synonym: misfortune, mishap, bad luck

(1) **misadventure** in business, (2) **misadventure** with climbing

The expedition turned into a **misadventure** as the team encountered unexpected challenges.

probabilistic

adj. characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

synonym : probable, statistical, likely

(1) **probabilistic** model, (2) **probabilistic** approach

In a **probabilistic** system, the outcome is uncertain and can vary based on chance.

downside

n. the negative aspects or consequences of something; the potential for loss or failure

synonym : drawback, negative, disadvantage

(1) major **downside**, (2) **downside** of globalization

The **downside** of the new policy was that it would be more expensive for customers.

relinquish

v. to give up power, control, or possession

synonym : surrender, give up, abandon

(1) **relinquish** control, (2) **relinquish** all hope

She decided to **relinquish** her role as the leader of the group.

postwar

adj. relating to the period following a war, particularly World War II; characterized by the rebuilding and recovery of countries and societies

synonym : subsequent, aftermath

(1) **postwar** years, (2) **postwar** society

The **postwar** period was marked by economic growth and rebuilding efforts.

untidy

adj. not neat or organized; messy; lacking order or tidiness in appearance or arrangement

synonym : messy, disorganized, slovenly

(1) **untidy** handwriting, (2) **untidy** appearance

Her **untidy** room was cluttered with clothes and books.

physicist

n. a scientist who specializes in the field of physics

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

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

environmentalist

n. a person who is concerned with and advocates for the protection of the natural environment

synonym: conservationist

(1) dedicated **environmentalist**, (2) an **environmentalist** political party

The **environmentalist** lobby changed the mindset of many conservative politicians.

stupendous

adj. extremely impressive, astonishing, or remarkable; of a size or degree that is difficult to comprehend or imagine

synonym: colossal, enormous, gigantic

(1) **stupendous** achievement, (2) **stupendous** view

The fireworks display was **stupendous**, lighting up the entire sky with vibrant colors.

mindful

adj. being conscious or aware of something; paying close attention to what is happening; being focused and attentive in the present moment

synonym: aware, attentive, conscious

(1) **mindful** of my responsibilities, (2) **mindful** eating

Practicing **mindful** meditation can help reduce stress and improve overall well-being.

schematic

adj. relating to or in the form of a scheme or diagram; showing the structure or organization of something

synonym: diagrammatic, blueprint, structural

(1) **schematic** model, (2) simplified **schematic**

The engineer used a **schematic** diagram to plan out the wiring for the new building.

timelapse

n. a technique in photography or cinematography where a series of images or frames are taken at set intervals and then played back at a faster speed to create the illusion of time moving quickly

(1) **timelapse** photography, (2) capture **timelapse** footage
The **timelapse** video beautifully captured the changing seasons over a year.

unthinkingly

adv. without careful thought or consideration; reflexively or automatically; in a manner that lacks mindfulness or awareness

synonym: automatically, mindlessly, impulsively

(1) respond **unthinkingly**, (2) **unthinkingly** follow

She **unthinkingly** agreed to the terms of the contract without reading it thoroughly.

humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym: buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

demise

n. death or the end of something

synonym: death, passing, end

(1) **demise** of bureaucracy, (2) meet their **demise**

The sudden **demise** of the king was a shock to everyone and threw the kingdom into chaos.

unfold

v. to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown

synonym: open, spread out, expose

(1) **unfold** the story, (2) **unfold** the stroller

The mystery **unfolded** as the detectives gathered more clues.

vignette

n. a brief or short descriptive account, episode, or story that focuses on a particular moment, person, or object; a small decorative design or illustration

synonym: sketch, drawing, illustration

(1) poignant **vignette**, (2) **vignette** from the incident
The novel has a series of **vignettes** that showcase the everyday struggles of its characters.

sterile

adj. free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing
synonym: clean, germ-free, hygienic

(1) **sterile** environment, (2) a **sterile** man

Surgeons must use **sterile** instruments to prevent infection during an operation.

astronaut

n. a person trained by a space agency to travel outside the Earth's atmosphere

synonym: spaceman, cosmonaut

(1) **astronaut** mission, (2) **astronaut** in training

The shuttle **astronaut** trained for months before embarking on the space mission.

footprint

n. a mark of a foot, shoe, or animal's foot left on a surface

synonym: footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

abrupt

adj. sudden and unexpected

synonym: sudden, unexpected, quick

(1) **abrupt** departure, (2) speak in an **abrupt** manner

The sudden, **abrupt** change in weather caught everyone by surprise.

asteroid

n. (also "planetoid") a small rocky body orbiting the sun, typically in the region between Mars and Jupiter

synonym: minor planet, planetoid, rocky planetesimal

(1) **asteroid** mining, (2) **asteroid** explorer

Scientists are studying the composition and origins of the **asteroid** belt to understand the early solar system better.

eruption

n. an instance of a sudden and violent release of lava, gas, or ash from a volcano; a sudden outburst or explosion of something

synonym: explosion, outburst, burst

(1) **eruption** alert level, (2) emotional **eruption**

The volcanic **eruption** caused widespread destruction and left the area covered in ash.

landmass

n. a large area of land, especially one that is distinct from surrounding areas by its topography, geology, or biota

synonym: continent, mainland, landform

(1) large **landmass**, (2) continental **landmass**

Australia is the world's smallest continent by **landmass**.

wane

v. to decrease in size, strength, or intensity

synonym: decrease, diminish, fade

(1) **wane** over time, (2) **wane** in popularity

The fragrance of this material **wanes** over weeks to months.

extinct

adj. no longer in existence

synonym: dead, obsolete, abolished

(1) **extinct** by human activity, (2) long- **extinct** volcano

Many species have become **extinct** due to habitat destruction and other human activities.

sliver

n. a small, thin, narrow piece or fragment of something, often characterized by its length or its sharpness or thinness; a small portion or amount of something, often used in a metaphorical sense to describe a trace or a hint of something

synonym: splinter, shard, fragment

(1) **sliver** of wood, (2) **sliver** of metal

I had to be careful not to step on a **sliver** of glass on the floor.

ominous

adj. giving the impression that something bad is going to happen; foreboding

synonym : foreboding, portentous, ill-boding

(1) an **ominous** silence, (2) **ominous** sign

The **ominous** clouds in the sky foretold of an approaching storm.

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym : give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

extraterrestrial

adj. relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth

synonym : alien, outer, otherworldly

(1) **extraterrestrial** planet, (2) **extraterrestrial** intelligence

Scientists are constantly searching for signs of **extraterrestrial** life in the universe.

doom

n. death, destruction, or some other terrible situation that cannot be avoided

synonym : judgment, destiny, fate

(1) economic **doom**, (2) prophet of **doom**

Everyone was aware of the impending **doom** but was unable to prevent it.

elapse

v. to pass or go by, especially about time; to slip away unnoticed

synonym : pass, proceed, advance

(1) much time had **elapsed**, (2) **elapse** from the announced start time

Five minutes have **elapsed** since we began the experiment.

vigil

n. a period of wakefulness maintained for any reason, typically for prayer, meditation, or watchkeeping; a period of observation or surveillance, especially for

security or safety reasons

synonym: watch, observance, monitoring

(1) **vigil** for peace, (2) night **vigil**

The mother kept a **vigil** by her sick child's bedside all night.

spasm

n. a sudden, involuntary contraction of a muscle, causing a range of sensations from mild discomfort to severe pain; a sudden outburst or brief episode of intense emotion or activity

synonym: convulsion, cramp, twitch

(1) gastric **spasm**, (2) **spasm** of laughter

The patient's face twitched in **spasms** as the dentist started drilling her tooth.

foreclose

v. to take legal action to repossess or seize property, particularly a mortgaged property, due to non-payment of debts or obligations

synonym: preclude, seize, repossess

(1) **foreclose** a property, (2) **foreclose** the possibility

The bank will **foreclose** on the house if the mortgage payments are not made on time.

biosphere

n. the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms

synonym: ecosphere, ecospace, ecosystem

(1) terrestrial **biosphere**, (2) artificial **biosphere**

The balance of the **biosphere** is crucial for the survival of species.

stabilize

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

synonym: brace, steady, secure

(1) **stabilize** prices, (2) **stabilize** blood sugar levels

The raising of interest rates **stabilizes** the inflation rate.

spawn

v. to lay eggs or to produce offspring; to cause something to develop

synonym: beget, breed, generate

(1) **spawn** in spring, (2) **spawn** a new concept

The salmon swims upstream to **spawn** in the place they were released.

humane

adj. having or showing compassion, kindness, and sympathy toward others, especially toward those who are suffering

synonym: compassionate, kind, merciful

(1) **humane** treatment, (2) **humane** society

We must ensure that all medical testing on animals is conducted in a **humane** way.

resonate

v. to be filled with a deep echoing sound

synonym: echo, reverberate, resound

(1) deeply **resonate** with the consumers, (2) **resonate** in the same frequency

The sound **resonates** well in this theater.

Session 2: Spelling

1. re____te in the same frequency *v.* to be filled with a deep echoing sound
2. tw____e like a star *v.* to shine with a flickering or sparkling light; (noun) the act of shining in a bright and cheerful way
3. ti____c battle *adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
4. am____us amoeba *adj.* without a definite or clear shape or form; lacking a specific structure or organization; shapeless or formless
5. atmospheric me____e *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
6. re____e milk packaging into new paper *v.* to sort and collect things to process them and produce valuable materials that can be used again
7. unt____gly follow *adv.* without careful thought or consideration; reflexively or automatically; in a manner that lacks mindfulness or awareness
8. im____on illegal immigrant *v.* to confine a person to a prison, a detention facility, or a place of involuntary confinement
9. fa____c about germs *adj.* characterized by excessive enthusiasm or zeal; displaying irrational or extreme devotion to a cause, ideology, or person, often to the point of intolerance or extremism

ANSWERS: 1. resonate, 2. twinkle, 3. titanic, 4. amorphous, 5. methane, 6. recycle, 7. unthinkingly, 8. imprison, 9. fanatic

10. s__y back and forth *v.* to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something
11. cen_____de scale *n.* a system of temperature measurement in which the freezing point of water is 0 degrees and the boiling point of water is 100 degrees; also known as the Celsius scale
12. treated as a we___o *n.* a person who looks strange and behaves strangely
13. po_____r society *adj.* relating to the period following a war, particularly World War II; characterized by the rebuilding and recovery of countries and societies
14. mi___y through the flight *adv.* in the middle of a process or journey; halfway between two points or stages
15. major do_____de *n.* the negative aspects or consequences of something; the potential for loss or failure
16. reduce me_____e emissions *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
17. an om_____s silence *adj.* giving the impression that something bad is going to happen; foreboding
18. pro_____tic model *adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

ANSWERS: 10. sway, 11. centigrade, 12. weirdo, 13. postwar, 14. midway, 15. downside, 16. methane, 17. ominous, 18. probabilistic

19. capture ti_____se footage *n.* a technique in photography or cinematography where a series of images or frames are taken at set intervals and then played back at a faster speed to create the illusion of time moving quickly
20. gas_____my tour *n.* the art or science of preparing and serving good food; the study of food and its relationship to culture and society
21. st_____ze prices *v.* to become or cause to become steady or unlikely to give way
22. directly int_____ect with those systems *v.* to connect similar things
23. ma_____us power *adj.* causing wonder or astonishment; excellent
24. build up my ph_____ue *n.* the form, structure, and composition of a person's body, especially concerning their physique or health; the body's physical abilities or limitations
25. origin of the co____s *n.* another name for the universe, mainly used when it is thought of as an ordered system
26. deeply indented co_____ne *n.* the particular shape of the coast (= the shore of a sea or ocean) as seen from the sea
27. ext_____ial planet *adj.* relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth

ANSWERS: 19. timelapse, 20. gastronomy, 21. stabilize, 22. interconnect, 23. marvelous, 24. physique, 25. cosmos, 26. coastline, 27. extraterrestrial

28. re_____t of the past *n.* a small remaining quantity of something, considered separately from what has been lost or destroyed; a surviving piece or fragment of something
29. en_____er a crisis *v.* to make a feeling or situation exist; to cause or give rise to
30. sp_____te on the outcome *v.* to form a theory or conjecture or guess about a subject without solid evidence
31. gra_____nal energy *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
32. mis_____ure with climbing *n.* an unfortunate incident or an accident, especially one that results in harm or injury
33. sc__t century *adj.* barely sufficient or adequate; lacking in quantity or amount
34. un____y handwriting *adj.* not neat or organized; messy; lacking order or tidiness in appearance or arrangement
35. speak in an ab____t manner *adj.* sudden and unexpected
36. as_____ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
37. un____d the stroller *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
38. po_____r years *adj.* relating to the period following a war, particularly World War II; characterized by the rebuilding and recovery of countries and societies

ANSWERS: 28. remnant, 29. engender, 30. speculate, 31. gravitational, 32. misadventure, 33. scant, 34. untidy, 35. abrupt, 36. astronaut, 37. unfold, 38. postwar

39. ti____c compound *adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
40. su_____va remnant *n.* a powerful and luminous explosion that occurs in some stars, resulting in an extremely bright, short-lived object that later fades into a supernova remnant
41. im_____on myself within the room *v.* to confine a person to a prison, a detention facility, or a place of involuntary confinement
42. sc_____ic model *adj.* relating to or in the form of a scheme or diagram; showing the structure or organization of something
43. pr___n conductivity *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
44. pro_____tic approach *adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks
45. re_____e the cardboard boxes *v.* to sort and collect things to process them and produce valuable materials that can be used again
46. un____d the story *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
47. terrestrial bi_____re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms

ANSWERS: 39. titanic, 40. supernova, 41. imprison, 42. schematic, 43. proton, 44. probabilistic, 45. recycle, 46. unfold, 47. biosphere

48. fo_____se a property *v.* to take legal action to repossess or seize property, particularly a mortgaged property, due to non-payment of debts or obligations
49. syn_____ze molecules *v.* to combine a substance to make a more complex product or compound
50. mis_____ure in business *n.* an unfortunate incident or an accident, especially one that results in harm or injury
51. fa_____c devotion *adj.* characterized by excessive enthusiasm or zeal; displaying irrational or extreme devotion to a cause, ideology, or person, often to the point of intolerance or extremism
52. modern co_____gy *n.* the scientific study of the nature and origin of the universe
53. s__y to the rhythm *v.* to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something
54. syn_____ze information *v.* to combine a substance to make a more complex product or compound
55. de___t a feeling of isolation *v.* to illustrate someone or something in a photograph
56. n__e a city *v.* (derived from "nuclear") to attack or destroy a place or target with a nuclear weapon; to cook food in a microwave oven; (noun) a nuclear weapon, such as a nuclear bomb or missile

ANSWERS: 48. foreclose, 49. synthesize, 50. misadventure, 51. fanatic, 52. cosmology, 53. sway, 54. synthesize, 55. depict, 56. nuke

57. fo_____nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
58. st_____ze blood sugar levels *v.* to become or cause to become steady or unlikely to give way
59. sl____r of wood *n.* a small, thin, narrow piece or fragment of something, often characterized by its length or its sharpness or thinness; a small portion or amount of something, often used in a metaphorical sense to describe a trace or a hint of something
60. exploration of co____s *n.* another name for the universe, mainly used when it is thought of as an ordered system
61. rel_____sh control *v.* to give up power, control, or possession
62. simplified sc_____ic *adj.* relating to or in the form of a scheme or diagram; showing the structure or organization of something
63. en_____en other countries *v.* to give someone greater knowledge or understanding about a particular subject or situation, often in a spiritual or moral sense
64. stu_____us achievement *adj.* extremely impressive, astonishing, or remarkable; of a size or degree that is difficult to comprehend or imagine
65. em_____r the secretary to do the same *v.* to give someone the power or authority to do something
66. ab____t departure *adj.* sudden and unexpected
67. artificial bi_____re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms

ANSWERS: 57. footprint, 58. stabilize, 59. sliver, 60. cosmos, 61. relinquish, 62. schematic, 63. enlighten, 64. stupendous, 65. empower, 66. abrupt, 67. biosphere

68. poignant vi_____te *n.* a brief or short descriptive account, episode, or story that focuses on a particular moment, person, or object; a small decorative design or illustration
69. ef___e a memory *v.* to erase or obliterate something completely; to make something disappear or become less prominent
70. cy__r bullying *adj.* relating to or involving computers, computer networks, or virtual reality
71. sp__n a new concept *v.* to lay eggs or to produce offspring; to cause something to develop
72. French gas_____my *n.* the art or science of preparing and serving good food; the study of food and its relationship to culture and society
73. ef___e a blemish *v.* to erase or obliterate something completely; to make something disappear or become less prominent
74. er_____on alert level *n.* an instance of a sudden and violent release of lava, gas, or ash from a volcano; a sudden outburst or explosion of something
75. rel_____sh all hope *v.* to give up power, control, or possession
76. be___n tumor *adj.* kind and gentle; not harmful or malicious
77. theoretical ph_____st *n.* a scientist who specializes in the field of physics
78. meet their de___e *n.* death or the end of something

ANSWERS: 68. vignette, 69. efface, 70. cyber, 71. spawn, 72. gastronomy, 73. efface, 74. eruption, 75. relinquish, 76. benign, 77. physicist, 78. demise

79. economic d__m *n.* death, destruction, or some other terrible situation that cannot be avoided
80. a total we___o *n.* a person who looks strange and behaves strangely
81. respond unt_____gly *adv.* without careful thought or consideration; reflexively or automatically; in a manner that lacks mindfulness or awareness
82. sc__t resources *adj.* barely sufficient or adequate; lacking in quantity or amount
83. much time had el___ed *v.* to pass or go by, especially about time; to slip away unnoticed
84. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
85. as_____id mining *n.* (also "planetoid") a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
86. deeply re_____te with the consumers *v.* to be filled with a deep echoing sound
87. as_____ut in training *n.* a person trained by a space agency to travel outside the Earth's atmosphere
88. un__y the party *v.* to bring or join something together so that they form a single unit
89. the tw_____e of the stars *v.* to shine with a flickering or sparkling light; (noun) the act of shining in a bright and cheerful way
90. ext_____ial intelligence *adj.* relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth

ANSWERS: 79. doom, 80. weirdo, 81. unthinkingly, 82. scant, 83. elapse, 84. determinant, 85. asteroid, 86. resonate, 87. astronaut, 88. unify, 89. twinkle, 90. extraterrestrial

91. ti_____se photography *n.* a technique in photography or cinematography where a series of images or frames are taken at set intervals and then played back at a faster speed to create the illusion of time moving quickly
92. a spiral ne____a *n.* a cloud of gas and dust in space, visible in the night sky, typically as a diffuse light source
93. gastric sp__m *n.* a sudden, involuntary contraction of a muscle, causing a range of sensations from mild discomfort to severe pain; a sudden outburst or brief episode of intense emotion or activity
94. w__e in popularity *v.* to decrease in size, strength, or intensity
95. pr____n decay *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
96. st_____e environment *adj.* free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing
97. physical co_____gy *n.* the scientific study of the nature and origin of the universe
98. prophet of d__m *n.* death, destruction, or some other terrible situation that cannot be avoided
99. flexible mi_____t *n.* the established set of attitudes or fixed ideas held by someone

ANSWERS: 91. timelapse, 92. nebula, 93. spasm, 94. wane, 95. proton, 96. sterile, 97. cosmology, 98. doom, 99. mindset

100. cat_____he risk management *n.* a sudden event that causes extreme ruin and misfortune
101. continental la_____ss *n.* a large area of land, especially one that is distinct from surrounding areas by its topography, geology, or biota
102. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
103. well-built ph_____ue *n.* the form, structure, and composition of a person's body, especially concerning their physique or health; the body's physical abilities or limitations
104. large la_____ss *n.* a large area of land, especially one that is distinct from surrounding areas by its topography, geology, or biota
105. un___y appearance *adj.* not neat or organized; messy; lacking order or tidiness in appearance or arrangement
106. n__e missile *v.* (derived from "nuclear") to attack or destroy a place or target with a nuclear weapon; to cook food in a microwave oven; (noun) a nuclear weapon, such as a nuclear bomb or missile
107. inc_____lly mentioned *adv.* by the way; as an aside or in passing
108. zi_____n possibilities *n.* an extremely large, indefinite number; a hyperbolic term used in informal language to describe a large or exaggerated quantity
109. the mi_____t in an education system *n.* the established set of attitudes or fixed ideas held by someone

ANSWERS: 100. catastrophe, 101. landmass, 102. emit, 103. physique, 104. landmass, 105. untidy, 106. nuke, 107. incidentally, 108. zillion, 109. mindset

110. hu____g sound	<i>adj.</i> producing a continuous, low, vibrating sound like that of the bee
111. el___e from the announced start time	<i>v.</i> to pass or go by, especially about time; to slip away unnoticed
112. the fo_____nts of an earlier civilization	<i>n.</i> a mark of a foot, shoe, or animal's foot left on a surface
113. un__y the system	<i>v.</i> to bring or join something together so that they form a single unit
114. ou_____os symbol	<i>n.</i> a symbol depicting a serpent or dragon eating its tail, representing cyclicity, infinity, or self-sufficiency
115. em_____r my life	<i>v.</i> to give someone the power or authority to do something
116. mi___y between our houses	<i>adv.</i> in the middle of a process or journey; halfway between two points or stages
117. vi__l for peace	<i>n.</i> a period of wakefulness maintained for any reason, typically for prayer, meditation, or watchkeeping; a period of observation or surveillance, especially for security or safety reasons
118. mi_____l eating	<i>adj.</i> being conscious or aware of something; paying close attention to what is happening; being focused and attentive in the present moment
119. an env_____ist political party	<i>n.</i> a person who is concerned with and advocates for the protection of the natural environment
120. a zi_____n photos of my childhood	<i>n.</i> an extremely large, indefinite number; a hyperbolic term used in informal language to describe a large or exaggerated quantity

ANSWERS: 110. humming, 111. elapse, 112. footprint, 113. unify, 114. ouroboros, 115. empower, 116. midway, 117. vigil, 118. mindful, 119. environmentalist, 120. zillion

121. co_____ne erosion *n.* the particular shape of the coast (= the shore of a sea or ocean) as seen from the sea
122. aesthetic gra_____ion *n.* the feeling of being pleased or satisfied as a result of achieving something or having something you want
123. ou_____os mythology *n.* a symbol depicting a serpent or dragon eating its tail, representing cyclicity, infinity, or self-sufficiency
124. w__e over time *v.* to decrease in size, strength, or intensity
125. de___t a scene *v.* to illustrate someone or something in a photograph
126. golden pa_____te *n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
127. de___e of bureaucracy *n.* death or the end of something
128. cen_____de thermometer *n.* a system of temperature measurement in which the freezing point of water is 0 degrees and the boiling point of water is 100 degrees; also known as the Celsius scale
129. hu_____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
130. mi_____l of my responsibilities *adj.* being conscious or aware of something; paying close attention to what is happening; being focused and attentive in the present moment

ANSWERS: 121. coastline, 122. gratification, 123. ouroboros, 124. wane, 125. depict, 126. parachute, 127. demise, 128. centigrade, 129. humming, 130. mindful

131. solar ast_____er *n.* a physicist who studies astronomy
132. night vi__l *n.* a period of wakefulness maintained for any reason, typically for prayer, meditation, or watchkeeping; a period of observation or surveillance, especially for security or safety reasons
133. extragalactic su_____va *n.* a powerful and luminous explosion that occurs in some stars, resulting in an extremely bright, short-lived object that later fades into a supernova remnant
134. a be___n smile *adj.* kind and gentle; not harmful or malicious
135. emission ne___a *n.* a cloud of gas and dust in space, visible in the night sky, typically as a diffuse light source
136. a st_____e man *adj.* free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing
137. do_____de of globalization *n.* the negative aspects or consequences of something; the potential for loss or failure
138. cy__r crime *adj.* relating to or involving computers, computer networks, or virtual reality
139. lipstick sm___e *n.* a blurry or dirty mark or stain left by rubbing or smearing something; also, a bundle of material, such as sage or incense, that is burned to produce smoke for purification or ritual purposes
140. en_____en legions of people *v.* to give someone greater knowledge or understanding about a particular subject or situation, often in a spiritual or moral sense

ANSWERS: 131. astronomer, 132. vigil, 133. supernova, 134. benign, 135. nebula, 136. sterile, 137. downside, 138. cyber, 139. smudge, 140. enlighten

141. pa_____te troops *n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
142. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
143. en_____er the trust *v.* to make a feeling or situation exist; to cause or give rise to
144. om_____s sign *adj.* giving the impression that something bad is going to happen; foreboding
145. emotional er_____on *n.* an instance of a sudden and violent release of lava, gas, or ash from a volcano; a sudden outburst or explosion of something
146. the surface of the co__t *n.* a celestial object consisting of a nucleus of ice and dust that goes around the sun
147. su_____ct numbers *v.* to take away or deduct a quantity or amount from a total; to remove or eliminate something from a larger whole
148. ex_____t by human activity *adj.* no longer in existence
149. instant gra_____ion *n.* the feeling of being pleased or satisfied as a result of achieving something or having something you want
150. locust sw__m *n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground
151. long-ex_____t volcano *adj.* no longer in existence

ANSWERS: 141. parachute, 142. emit, 143. engender, 144. ominous, 145. eruption, 146. comet, 147. subtract, 148. extinct, 149. gratification, 150. swarm, 151. extinct

152. talented ph_____st *n.* a scientist who specializes in the field of physics
153. sp_____te about the reason *v.* to form a theory or conjecture or guess about a subject without solid evidence
154. sl____r of metal *n.* a small, thin, narrow piece or fragment of something, often characterized by its length or its sharpness or thinness; a small portion or amount of something, often used in a metaphorical sense to describe a trace or a hint of something
155. re_____e of servants *n.* a group of attendants or followers who accompany an important person, such as a monarch or dignitary; an entourage of assistants and supporters
156. ink sm____e *n.* a blurry or dirty mark or stain left by rubbing or smearing something; also, a bundle of material, such as sage or incense, that is burned to produce smoke for purification or ritual purposes
157. avoid climate cat_____he *n.* a sudden event that causes extreme ruin and misfortune
158. amateur ast_____er *n.* a physicist who studies astronomy
159. am_____us mass *adj.* without a definite or clear shape or form; lacking a specific structure or organization; shapeless or formless
160. ma_____us performance *adj.* causing wonder or astonishment; excellent
161. hu____e treatment *adj.* having or showing compassion, kindness, and sympathy toward others, especially toward those who are suffering

ANSWERS: 152. physicist, 153. speculate, 154. sliver, 155. retinue, 156. smudge, 157. catastrophe, 158. astronomer, 159. amorphous, 160. marvelous, 161. humane

162. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
163. re_____ts of fabric *n.* a small remaining quantity of something, considered separately from what has been lost or destroyed; a surviving piece or fragment of something
164. su_____ct one from the total *v.* to take away or deduct a quantity or amount from a total; to remove or eliminate something from a larger whole
165. gra_____nal waves *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
166. diplomatic re_____e *n.* a group of attendants or followers who accompany an important person, such as a monarch or dignitary; an entourage of assistants and supporters
167. as_____id explorer *n.* (also "planetoid") a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
168. stu_____us view *adj.* extremely impressive, astonishing, or remarkable; of a size or degree that is difficult to comprehend or imagine
169. sp__n in spring *v.* to lay eggs or to produce offspring; to cause something to develop
170. inc_____lly discovered *adv.* by the way; as an aside or in passing
171. human activities int_____ect with the environment *v.* to connect similar things

ANSWERS: 162. determinant, 163. remnant, 164. subtract, 165. gravitational, 166. retinue, 167. asteroid, 168. stupendous, 169. spawn, 170. incidentally, 171. interconnect

172. fo_____se the possibility *v.* to take legal action to repossess or seize property, particularly a mortgaged property, due to non-payment of debts or obligations
173. co__t Halley *n.* a celestial object consisting of a nucleus of ice and dust that goes around the sun
174. hu___e society *adj.* having or showing compassion, kindness, and sympathy toward others, especially toward those who are suffering
175. dedicated env_____ist *n.* a person who is concerned with and advocates for the protection of the natural environment
176. sp__m of laughter *n.* a sudden, involuntary contraction of a muscle, causing a range of sensations from mild discomfort to severe pain; a sudden outburst or brief episode of intense emotion or activity
177. a sw__m of mosquitoes *n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground
178. vi_____te from the incident *n.* a brief or short descriptive account, episode, or story that focuses on a particular moment, person, or object; a small decorative design or illustration

ANSWERS: 172. foreclose, 173. comet, 174. humane, 175. environmentalist, 176. spasm, 177. swarm, 178. vignette

Session 3: Fill in the Blanks

1. The balance of the _____ is crucial for the survival of species.
n. the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
2. There was a _____ amount of food left in the fridge.
adj. barely sufficient or adequate; lacking in quantity or amount
3. The engineer used a _____ diagram to plan out the wiring for the new building.
adj. relating to or in the form of a scheme or diagram; showing the structure or organization of something
4. Supercomputers enable scientists to create computational models of the _____.
n. another name for the universe, mainly used when it is thought of as an ordered system
5. His eyes _____ with mischief.
v. to shine with a flickering or sparkling light; (noun) the act of shining in a bright and cheerful way
6. His son had accurately _____ the bloom.
v. to illustrate someone or something in a photograph
7. The lump was discovered to be _____ and no further treatment was needed.
adj. kind and gentle; not harmful or malicious

ANSWERS: 1. biosphere, 2. scant, 3. schematic, 4. cosmos, 5. twinkled, 6. depicted, 7. benign,

8. This training includes emergency escape drills with _____.
- n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
9. The _____ of completing a difficult task is a great feeling.
- n.* the feeling of being pleased or satisfied as a result of achieving something or having something you want
10. Countries whose goal is economic development often focus on fostering an entrepreneurial _____ in each individual.
- n.* the established set of attitudes or fixed ideas held by someone
11. The _____ lobby changed the mindset of many conservative politicians.
- n.* a person who is concerned with and advocates for the protection of the natural environment
12. During the unloading, the container box _____ a clicking sound.
- v.* to give off or send out something such as light, heat, sound, gas, etc.
13. Many species have become _____ due to habitat destruction and other human activities.
- adj.* no longer in existence
14. _____ espionage between countries can have serious consequences.
- adj.* relating to or involving computers, computer networks, or virtual reality
15. The novel has a series of _____ that showcase the everyday struggles of its characters.
- n.* a brief or short descriptive account, episode, or story that focuses on a particular moment, person, or object; a small decorative design or illustration

ANSWERS: 8. parachutes, 9. gratification, 10. mindset, 11. environmentalist, 12. emits, 13. extinct, 14. Cyber, 15. vignettes

16. She decided to _____ her role as the leader of the group.

v. to give up power, control, or possession

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

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

18. Everyone was aware of the impending _____ but was unable to prevent it.

n. death, destruction, or some other terrible situation that cannot be avoided

19. In a _____ system, the outcome is uncertain and can vary based on chance.

adj. characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

20. The _____ bright tail could be seen in the night sky.

n. a celestial object consisting of a nucleus of ice and dust that goes around the sun

21. The view from the top of the mountain was _____.

adj. causing wonder or astonishment; excellent

22. Scientists are constantly searching for signs of _____ life in the universe.

adj. relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth

23. The shuttle _____ trained for months before embarking on the space mission.

n. a person trained by a space agency to travel outside the Earth's atmosphere

ANSWERS: 16. relinquish, 17. stabilizes, 18. doom, 19. probabilistic, 20. comet's, 21. marvelous, 22. extraterrestrial, 23. astronaut

24. We choose transportation that has a smaller carbon _____.
- n.* a mark of a foot, shoe, or animal's foot left on a surface
25. I had to be careful not to step on a _____ of glass on the floor.
- n.* a small, thin, narrow piece or fragment of something, often characterized by its length or its sharpness or thinness; a small portion or amount of something, often used in a metaphorical sense to describe a trace or a hint of something
26. The _____ explosion created a bright new star in the night sky.
- n.* a powerful and luminous explosion that occurs in some stars, resulting in an extremely bright, short-lived object that later fades into a supernova remnant
27. He was _____ for embezzlement.
- v.* to confine a person to a prison, a detention facility, or a place of involuntary confinement
28. The bank will _____ on the house if the mortgage payments are not made on time.
- v.* to take legal action to repossess or seize property, particularly a mortgaged property, due to non-payment of debts or obligations
29. The lack of funds has resulted in a _____ for our university system.
- n.* a sudden event that causes extreme ruin and misfortune
30. Our system can now _____ with other databases.
- v.* to connect similar things
31. He _____ that this investment would lead to success.
- v.* to form a theory or conjecture or guess about a subject without solid evidence

ANSWERS: 24. footprint, 25. sliver, 26. supernova, 27. imprisoned, 28. foreclose, 29. catastrophe, 30. interconnect, 31. speculated

32. The company received a _____ complaints about their faulty product.
n. an extremely large, indefinite number; a hyperbolic term used in informal language to describe a large or exaggerated quantity
33. Einstein was an outstanding and famous _____ of the 20th century.
n. a scientist who specializes in the field of physics
34. She accidentally left a _____ on the newly painted wall.
n. a blurry or dirty mark or stain left by rubbing or smearing something; also, a bundle of material, such as sage or incense, that is burned to produce smoke for purification or ritual purposes
35. I need to _____ the cost of my expenses from my income to see how much money I have left.
v. to take away or deduct a quantity or amount from a total; to remove or eliminate something from a larger whole
36. The ignition of _____ gas in the plant killed five employees.
n. a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
37. The sudden, _____ change in weather caught everyone by surprise.
adj. sudden and unexpected
38. The only _____ left of the ancient civilization was the crumbling ruins of their temples.
n. a small remaining quantity of something, considered separately from what has been lost or destroyed; a surviving piece or fragment of something
39. The solar wind is composed almost entirely of electrons and _____.
n. a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

ANSWERS: 32. zillion, 33. physicist, 34. smudge, 35. subtract, 36. methane, 37. abrupt, 38. remnant, 39. protons

40. The CEO was once a _____ wandering barefoot around the university.
n. a person who looks strange and behaves strangely
41. He has a muscular _____ from his years of weightlifting.
n. the form, structure, and composition of a person's body, especially concerning their physique or health; the body's physical abilities or limitations
42. The clouded jellyfish has an _____ shape, making it difficult to identify.
adj. without a definite or clear shape or form; lacking a specific structure or organization; shapeless or formless
43. The sudden _____ of the king was a shock to everyone and threw the kingdom into chaos.
n. death or the end of something
44. The mystery _____ as the detectives gathered more clues.
v. to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
45. The _____ of the bees filled the air as she walked through the garden.
adj. producing a continuous, low, vibrating sound like that of the bee
46. Her _____ room was cluttered with clothes and books.
adj. not neat or organized; messy; lacking order or tidiness in appearance or arrangement
47. We stopped at a restaurant _____ through our road trip for lunch.
adv. in the middle of a process or journey; halfway between two points or stages

ANSWERS: 40. weirdo, 41. physique, 42. amorphous, 43. demise, 44. unfolded, 45. humming, 46. untidy, 47. midway

48. _____ evolved from people's philosophical questions about the natural world.
- n.* the scientific study of the nature and origin of the universe
49. One _____ of success is having a positive attitude and a strong work ethic.
- n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
50. Five minutes have _____ since we began the experiment.
- v.* to pass or go by, especially about time; to slip away unnoticed
51. This question has fascinated solar _____ for decades.
- n.* a physicist who studies astronomy
52. She _____ agreed to the terms of the contract without reading it thoroughly.
- adv.* without careful thought or consideration; reflexively or automatically; in a manner that lacks mindfulness or awareness
53. We largely _____ the circuit board of cell phones because they contain a lot of valuable metals.
- v.* to sort and collect things to process them and produce valuable materials that can be used again
54. The temperature reached a peak of 35 degrees _____.
- n.* a system of temperature measurement in which the freezing point of water is 0 degrees and the boiling point of water is 100 degrees; also known as the Celsius scale

ANSWERS: 48. Cosmology, 49. determinant, 50. elapsed, 51. astronomers, 52. unthinkingly, 53. recycle, 54. centigrade

55. The fragrance of this material _____ over weeks to months.

v. to decrease in size, strength, or intensity

56. The expedition turned into a _____ as the team encountered unexpected challenges.

n. an unfortunate incident or an accident, especially one that results in harm or injury

57. The fireworks display was _____ lighting up the entire sky with vibrant colors.

adj. extremely impressive, astonishing, or remarkable; of a size or degree that is difficult to comprehend or imagine

58. _____ I know the answer to that question.

adv. by the way; as an aside or in passing

59. The new resort was built along the _____ offering stunning ocean views from every room.

n. the particular shape of the coast (= the shore of a sea or ocean) as seen from the sea

60. The spider can _____ multiple different silk proteins.

v. to combine a substance to make a more complex product or compound

61. The _____ video beautifully captured the changing seasons over a year.

n. a technique in photography or cinematography where a series of images or frames are taken at set intervals and then played back at a faster speed to create the illusion of time moving quickly

62. The _____ supporters of the sports team traveled across the country to watch the match.

adj. characterized by excessive enthusiasm or zeal; displaying irrational or extreme devotion to a cause, ideology, or person, often to the point of intolerance or extremism

ANSWERS: 55. wanes, 56. misadventure, 57. stupendous, 58. Incidentally, 59.

coastline, 60. synthesize, 61. timelapse, 62. fanatic

63. The discussion about war helps _____ a sense of shared humanity.
v. to make a feeling or situation exist; to cause or give rise to
64. The politician tried to _____ public opinion in his favor, but his arguments fell flat.
v. to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something
65. Scientists are studying the composition and origins of the _____ belt to understand the early solar system better.
n. (also "planetoid") a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
66. The galactic _____ was a beautiful sight through the telescope, with its vibrant colors and swirling clouds.
n. a cloud of gas and dust in space, visible in the night sky, typically as a diffuse light source
67. The sound _____ well in this theater.
v. to be filled with a deep echoing sound
68. The people believe that they can _____ the country.
v. to bring or join something together so that they form a single unit
69. The company _____ employees to buy low-price items without approval to achieve efficient purchasing.
v. to give someone the power or authority to do something
70. The _____ period was marked by economic growth and rebuilding efforts.
adj. relating to the period following a war, particularly World War II; characterized by the rebuilding and recovery of countries and societies

ANSWERS: 63. engender, 64. sway, 65. asteroid, 66. nebula, 67. resonates, 68. unify, 69. empowered, 70. postwar

71. The government threatened to _____ the enemy territory if they didn't surrender.
v. (derived from "nuclear") to attack or destroy a place or target with a nuclear weapon; to cook food in a microwave oven; (noun) a nuclear weapon, such as a nuclear bomb or missile
72. Practicing _____ meditation can help reduce stress and improve overall well-being.
adj. being conscious or aware of something; paying close attention to what is happening; being focused and attentive in the present moment
73. A _____ of angry bees attacked because we had approached the hive.
n. a group of many things, such as insects, fishes, etc., in the air or water or on the ground
74. The mother kept a _____ by her sick child's bedside all night.
n. a period of wakefulness maintained for any reason, typically for prayer, meditation, or watchkeeping; a period of observation or surveillance, especially for security or safety reasons
75. The _____ clouds in the sky foretold of an approaching storm.
adj. giving the impression that something bad is going to happen; foreboding
76. We must ensure that all medical testing on animals is conducted in a _____ way.
adj. having or showing compassion, kindness, and sympathy toward others, especially toward those who are suffering
77. The _____ ship sank on its maiden voyage.
adj. of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)

ANSWERS: 71. nuke, 72. mindful, 73. swarm, 74. vigil, 75. ominous, 76. humane, 77. titanic

78. The patient's face twitched in _____ as the dentist started drilling her tooth.
- n.* a sudden, involuntary contraction of a muscle, causing a range of sensations from mild discomfort to severe pain; a sudden outburst or brief episode of intense emotion or activity
79. The _____ force of the black hole was so strong that nothing, not even light, could escape.
- adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
80. The cleaning crew had to _____ the stubborn stain from the carpet using a specialized cleaner
- v.* to erase or obliterate something completely; to make something disappear or become less prominent
81. The teacher sought to _____ her students by introducing them to new ideas and perspectives.
- v.* to give someone greater knowledge or understanding about a particular subject or situation, often in a spiritual or moral sense
82. The volcanic _____ caused widespread destruction and left the area covered in ash.
- n.* an instance of a sudden and violent release of lava, gas, or ash from a volcano; a sudden outburst or explosion of something
83. The salmon swims upstream to _____ in the place they were released.
- v.* to lay eggs or to produce offspring; to cause something to develop
84. The city has many restaurants that showcase the diversity of _____ worldwide.
- n.* the art or science of preparing and serving good food; the study of food and its relationship to culture and society

ANSWERS: 78. spasms, 79. gravitational, 80. efface, 81. enlighten, 82. eruption, 83. spawn, 84. gastronomy

85. Australia is the world's smallest continent by _____.

n. a large area of land, especially one that is distinct from surrounding areas by its topography, geology, or biota

86. Surgeons must use _____ instruments to prevent infection during an operation.

adj. free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing

87. The novel's central theme mirrors the _____ concept of endless return and cyclical time.

n. a symbol depicting a serpent or dragon eating its tail, representing cyclicity, infinity, or self-sufficiency

88. The _____ of the new policy was that it would be more expensive for customers.

n. the negative aspects or consequences of something; the potential for loss or failure

89. The queen's _____ followed closely behind her as she walked through the palace.

n. a group of attendants or followers who accompany an important person, such as a monarch or dignitary; an entourage of assistants and supporters

ANSWERS: 85. landmass, 86. sterile, 87. ouroboros, 88. downside, 89. retinue