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Vocabulary Builder Reference from...

Stephanie Sardelis: Why do whales sing? | TED Talk
https://www.ted.com/talks/stephanie_sardelis_why_d_o_whales_sing

All Words

IMPORTANT

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Session 1: Word List

communicate

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

synonym : convey, share, transmit

- (1) **communicate** his anxieties to the psychiatrist,
- (2) **communicate** well with my advisor

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

underwater

adv. below or under the surface of the water

synonym : submerged, undersea, submarine

- (1) hold my breath **underwater**,
 - (2) seals sleep **underwater**
- He is good at swimming **underwater**.

odor

n. a distinctive or unpleasant smell; a scent or aroma that can be sensed through the sense of smell

synonym : smell, aroma, fragrance

- (1) **odor** control,
- (2) pleasant **odor**

The **odor** from the trash can was unbearable, so I had to take it out.

environment

n. the natural world such as air, water, and land in which humans, animals, and plants live

synonym : atmosphere, surroundings, climate

- (1) **environment** affairs,
- (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

marine

adj. relating to the sea and the creatures and plants that live there

synonym : sea-dwelling, maritime, aquatic

(1) **marine** insurance, (2) variety of **marine** life

Seals and whales are **marine** animals beloved by the people.

rely

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

synonym : depend, count, lean

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

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

chorus

n. a group of singers or speakers who perform together, typically in a musical or dramatic production; the part of a song where a soloist is joined by a group of singers

synonym : ensemble, choir, group of singers

(1) a mixed **chorus**, (2) a quintet **chorus**

The **chorus** of the song was catchy and easily memorized.

pulse

n. the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves

synonym : beat, vibration, throb

(1) a weak **pulse**, (2) **pulse** waves

The cardiac monitor displays the intensity of your **pulse**.

whistle

v. to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound

synonym : sound, honk, tweet

(1) **whistle** a tune, (2) **whistle** for help

The employee decided to **whistle-blow** on the company's illegal activities.

groan

v. to make a low, moaning sound, often indicating pain, discomfort, or dissatisfaction

synonym: moan, grunt, sigh

(1) **groan** in pain, (2) **groan** for water

The sight of the huge pile of laundry made me **groan** with dread.

trill

v. to make a vibratory, quavering sound, often in singing or speech, by rapidly alternating between two different notes; (noun) a musical sound or vocalization produced by a rapid alternation between two adjacent pitches

synonym: warble, quaver, chirp

(1) **trill** melodious song, (2) the **trill** of a bird

The soprano singer's voice **trilled** with pure clarity, captivating the audience.

symphony

n. a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements

synonym: orchestra, harmony, concert

(1) a **symphony** orchestra, (2) a beautiful **symphony**

The frequent performances of the **symphony** prove its popularity.

evocative

adj. tending to evoke or bring something to mind

synonym: suggestive, stimulating, provocative

(1) **evocative** memories, (2) **evocative** language

The music was **evocative** of a bygone era.

melody

n. a succession of musical tones forming part of a larger piece of music

synonym: tune, song, piece

(1) a simple **melody**, (2) the **melody** of a tune

This harmonious **melody** immortalized its composer.

compose

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

synonym : compile, constitute, build

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

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

whale

n. a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities

synonym : porpoise, giant

(1) a bull **whale**, (2) **whale** watching

Some countries have a culture of eating the flesh of a **whale**.

sophisticated

adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

synonym : refined, cultured, worldly

(1) **sophisticated** look, (2) a **sophisticated** lifestyle

Marketing strategies are growing more **sophisticated**.

kingdom

n. the country ruled by a king or queen

synonym : empire, realm, land

(1) establish his **kingdom**, (2) a subordinate **kingdom**

By remaining neutral, this **kingdom** continued to exist.

fin

n. a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

synonym : flipper, appendage, stabilizer

(1) back **fin**, (2) a **fin** of a plane

The shark's powerful **fins** allowed it to swim at high speeds.

bowhead

n. a large, baleen whale species typically found in Arctic and subarctic regions, known for its distinctive, arched upper jaw

synonym : whale, marine mammal

(1) Arctic **bowhead**, (2) **bowhead** hunt

The **bowhead** whale is known for its massive size and long lifespan.

mink

n. a small carnivorous mammal with dark brown fur, native to North America and Europe

synonym: fur, pelt

(1) the texture of **mink**, (2) **mink** fur

She wrapped herself in the luxurious **mink** coat on the cold winter day.

humpback

n. a large whale that has a hump on its back and long flippers, found in both the northern and southern hemispheres

synonym: whale, cetacean, mammal

(1) **humpback** mountain, (2) **humpback** bridge

The **humpback** whale is known for its distinctive songs that can travel great distances.

baleen

n. whalebone, or a flexible material made from keratin that is used by whales (and some other animals) to filter krill and other small organisms from seawater

synonym: whisker, bristle, sieve

(1) **baleen** bristles, (2) **baleen** plates

The whale's **baleen** filters out small organisms for the animal to eat.

hairy

adj. covered with hair or having a furry texture; difficult, dangerous, or complicated

synonym: furry, bushy, unkempt

(1) **hairy** situation, (2) **hairy** arms

The new rescue dog was covered in thick, **hairy** fur that kept him warm in cold weather.

trap

n. a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

synonym: catch, snare, pinfall

(1) set a **trap**, (2) **trap** an animal

The enemy fell right into the **trap**.

prey

n. the object of a hunt; an animal hunted or trapped for eating

synonym : target, quarry, chase

(1) **prey** of beast, (2) become **prey** to terrorists

The majority of snakes swallow their **prey** whole.

echolocation

n. the use of reflected sound waves to locate objects, particularly by dolphins and bats.

synonym : echo sounding

(1) bat **echolocation**, (2) ultrasound for **echolocation**

Dolphins use **echolocation** for hunting fish.

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.

cord

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

synonym : wire, cable, string

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

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

exhale

v. to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently

synonym : breathe out, expel, emit

(1) **exhale** a big sigh, (2) **exhale** cigarette smoke

He took a deep breath and slowly began to **exhale**.

vibrate

v. to move or cause anything to move fast and in small increments from side to side

synonym : oscillate, convulse, jerk

(1) **vibrate** at a regular frequency, (2) **vibrate** with anger

During the flight, the wings of the plane **vibrate**.

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym : structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

lung

n. either of the two organs in the chest that people and some animals use for breathing

(1) **lung** capacity, (2) do **lung** transplantation

He has terminal **lung** cancer.

inflate

v. to fill something with air or gas so that it becomes bigger and rounder

synonym : blow up, expand, puff up

(1) **inflate** a tire, (2) **inflate** expense reports

She **inflated** the balloons for the party.

larynx

n. an organ in the top of the throat involved in breathing, producing sound

(1) irritate the **larynx**, (2) narrowing of the **larynx**

Smoking significantly increases the risk of **larynx** cancer.

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.

essentially

adv. relating to the essential features or concepts of anything

synonym : fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

Essentially, a society is an organism.

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.

internal

adj. of or relating to the inside of something

synonym: interior, inner, domestic

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

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

muscular

adj. of or relating to the muscles; having or suggesting great physical power or force

synonym: powerful, athletic, brawny

(1) a **muscular** person, (2) **muscular** contraction

She worked hard to treat her **muscular** dystrophy.

contraction

n. the act or process of becoming smaller or shorter in size, volume, or amount

synonym: shrinking, compression, reduction

(1) **contraction** of a disease, (2) **contraction** in the industry

The **contraction** of the economy has led to job losses.

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.

choir

n. a group of singers, especially one that sings in a church or cathedral

synonym: chorus, ensemble, club

(1) quintet **choir**, (2) **choir** performance

The gospel **choir** sang beautifully at the church service.

cathedral

n. the main Christian church of a bishop's diocese, which is often the largest and most important church in the area

synonym: church, basilica, temple

(1) **cathedral** school, (2) **cathedral** choir

The **cathedral's** stained glass windows depicted scenes from the Bible.

propagate

v. to spread or promote something widely, particularly beliefs, ideas, or plants and animals through reproduction

synonym: propagate, multiply, reproduce

(1) **propagate** a rumor, (2) **propagate** plants

The company is working hard to **propagate** their brand message to as many people as possible

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.

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.

moan

v. to make a low, prolonged sound of pain, grief, or sexual pleasure; to complain about something

synonym: groan, sigh, lament

(1) **moan** the current situation, (2) **moan** with pleasure

She **moaned** in pain as the doctor examined her injury.

chirp

n. a short, sharp sound that is made by birds or insects or by electronic devices such as alarms or beepers

synonym : tweet, chirrup, peep

(1) the **chirp** of a bird, (2) the **chirp** of a cricket

The sound of the **chirp** woke me up early in the morning.

arrange

v. to plan, prepare for, and carry out something

synonym : set up, order, organize

(1) **arrange** the meeting, (2) the list was **arranged** alphabetically

I need to **arrange** plans with him for the celebration.

phrase

n. a group of words that mean something specific when used together

synonym : expression, idiom, term

(1) ready-made **phrases**, (2) noun **phrase**

We bought a Spanish **phrase** book.

assemble

v. to collect in one place as a single group

synonym : gather, congregate, collect

(1) **assemble** your colleagues, (2) **assemble** a jigsaw puzzle

The president began to **assemble** an army.

predictable

adj. capable of being known, seen or declared in advance

synonym : foreseeable, expectable, likely

(1) **predictable** pattern, (2) in a **predictable** manner

The economy becomes more volatile and less **predictable**.

hierarchy

n. a system in which people or things are organized into different levels of importance from highest to lowest

synonym : ranking, order, scale

(1) top of the **hierarchy**, (2) **hierarchy** of folders

She has taken a step up in the organizational **hierarchy**.

structure

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
synonym: construction, architecture, establishment
(1) the **structure** of a machine, (2) **structure** and function of the brain
The organizational **structure** of start-ups is often flat and straightforward.

grammar

n. the set of structural constraints on speakers' or writers' composition of clauses, phrases, and words
synonym: syntax, elements
(1) **grammar** checker, (2) Latin **grammar**
Mastering **grammar** takes a lot of time for those learning a foreign language.

variable

adj. likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
synonym: erratic, inconsistent, irregular
(1) a **variable** species, (2) a dependent **variable**
Rainfall in the tropics is highly **variable**.

duration

n. the length of time something lasts or continues
synonym: period, span, course
(1) the **duration** of insurance, (2) short **duration**
The military incarcerated him for the **duration** of the war.

session

n. a formal meeting or series of meetings for the execution of a particular group's functions; a period spent doing a particular activity
synonym: conference, gathering
(1) the morning **session**, (2) the court **session**
Parliament is now in **session**.

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.

attract

v. to draw or entice someone or something towards them through the qualities they have, especially positive ones

synonym : lure, entice, draw in

(1) **attract** attention, (2) **attract** customers

The government is eager to **attract** international investment.

territorial

adj. related to a specific country's ownership of land or water

synonym : provincial

(1) **territorial** integrity, (2) **territorial** aggression

The ship will not enter Chinese **territorial** seas.

deter

v. to discourage or prevent someone from doing something

synonym : prevent, discourage, forestall

(1) **deter** aggression, (2) **deter** crime

The high fence was meant to **deter** intruders from entering the property.

breed

v. to keep animals for producing offspring in a regulated manner

synonym : raise, multiply, reproduce

(1) **breed** horses, (2) **breed** suspicion

This animal **breeds** in northern latitudes.

discrete

adj. separate and distinct; not continuous; individually distinguishable

synonym : separate, distinct, individual

(1) **discrete** metric space, (2) **discrete** variable

The company divided the tasks into **discrete** segments to increase efficiency.

evolve

v. to develop gradually, or to cause the development of something or someone gradually

synonym: develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

earshot

n. the distance within which a sound can be heard; the range or distance over which one can hear a sound

synonym: hearing range, audible distance, earreach

(1) beyond **earshot**, (2) out of **earshot**

I could hear the music from the concert within **earshot** of my home.

exchange

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

synonym: trade, swap, interchange

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

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

attractive

adj. immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable

synonym: beautiful, fetching, alluring

(1) **attractive** men, (2) **attractive** opportunity

The growth of the "sharing economy" is **attractive** for tech companies.

transmission

n. the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

synonym: transportation, communication, broadcast

(1) **transmission** speed, (2) the **transmission** gears of a

car

Education is the **transmission** of civilization.

unrelated

adj. having no connection; not belonging to the kinship

synonym: irrelevant, unconnected, independent

(1) statistically **unrelated**, (2) an **unrelated** position

Excuse me if my question is **unrelated** to the topic.

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.

eavesdrop

v. to listen to someone else's conversation without their knowledge or permission

synonym: listen in, spy, overhear

(1) **eavesdrop** conversation, (2) **eavesdrop** on a secret plot

I accidentally **eavesdropped** on a confidential meeting last week.

microphone

n. a device that converts sound into an electrical signal used for recording sounds or making the voice louder

synonym: mic, megaphone, amplifier

(1) **microphone** cable, (2) built-in **microphone**

The interviewer asked him to speak into the **microphone**.

hydrophone

n. a device used to detect and analyze sound waves in water, typically used for underwater acoustics research, sonar systems, or underwater surveillance

synonym: underwater microphone, acoustic sensor, sonar receiver

(1) deep-sea **hydrophone**, (2) **hydrophone** sensor

The military uses **hydrophones** for underwater surveillance and communication.

sight

n. the ability to see; anything that is seen

synonym: vision, spectacle, view

(1) an unexpected **sight**, (2) dull **sight**

Many famous **sights** are within walking distance.

genetic

adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

synonym: hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

differentiate

v. to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

synonym: discern, distinguish, separate

(1) **differentiate** between fact and fiction, (2) **differentiate** a function

The teacher asked the students to **differentiate** between the two similar species of birds.

elusive

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

synonym: mysterious, ambiguous, inapproachable

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

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

noisy

adj. making a lot of sounds, especially loud or disruptive sound

synonym: loud, cacophonous, clamorous

(1) **noisy** neighbor, (2) **noisy** party

The construction outside was creating a **noisy** distraction from my work.

military

adj. relating to or characteristic of members of the armed forces; of or relating to war or warfare

synonym: armed, martial, warlike

(1) a **military** operation, (2) a **military** leader

The **military** academy was known for its strict discipline and training.

construct

v. to build or create something; to assemble or combine different parts to form something whole

synonym: build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

seismic

adj. relating to or caused by an earthquake or earth vibration

synonym: seismic, tectonic, vibrational

(1) **seismic** activities, (2) a **seismic** center

Earthquakes produce two types of **seismic** waves.

survey

n. an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions

synonym: study, examination, poll

(1) a comprehensive **survey**, (2) recent **survey**

That **survey** shows that people are accepting the tax increase to some extent.

interfere

v. to get involved in and prevent a process or activity from continuing

synonym: interpose, interrupt, hamper

(1) **interfere** in another country's affairs, (2) **interfere** with DNA synthesis

Your talking **interferes** with my work.

migratory

adj. relating to or characterized by the movement of individuals or groups from one place to another, often for regular seasonal or environmental reasons

synonym: nomadic, wandering, roving

(1) **migratory** species, (2) **migratory** route

The **migratory** birds flew thousands of miles to reach their wintering grounds.

critic

n. someone who expresses opinions about the quality of books, music, etc.

synonym : pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

pollution

n. the introduction of harmful substances or waste into the natural environment that causes adverse change

synonym : corrosion, deterioration, corruption

(1) environmental **pollution**, (2) high levels of air **pollution**

The **pollution** is endangering the local plants and animals.

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.

Session 2: Spelling

- | | |
|-------------------------------|--|
| 1. ind_____al freedom | <i>n.</i> a single person or thing, as distinct from a group |
| 2. no__y neighbor | <i>adj.</i> making a lot of sounds, especially loud or disruptive sound |
| 3. out of ea_____t | <i>n.</i> the distance within which a sound can be heard; the range or distance over which one can hear a sound |
| 4. ultrasound for ech_____ion | <i>n.</i> the use of reflected sound waves to locate objects, particularly by dolphins and bats. |
| 5. seals sleep und_____er | <i>adv.</i> below or under the surface of the water |
| 6. ex_____ge rate | <i>v.</i> to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded |
| 7. s_c contents | <i>n.</i> 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 |
| 8. variety of ma___e life | <i>adj.</i> relating to the sea and the creatures and plants that live there |
| 9. t__p an animal | <i>n.</i> a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping |

ANSWERS: 1. individual, 2. noisy, 3. earshot, 4. echolocation, 5. underwater, 6. exchange, 7. sac, 8. marine, 9. trap

10. the tr__l of a bird
- v. to make a vibratory, quavering sound, often in singing or speech, by rapidly alternating between two different notes; (noun) a musical sound or vocalization produced by a rapid alternation between two adjacent pitches
11. l__g capacity
- n. either of the two organs in the chest that people and some animals use for breathing
12. r__y entirely on him
- v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
13. a beautiful sy____ny
- n. a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements
14. a private ind____al
- n. a single person or thing, as distinct from a group
15. mu____ar contraction
- adj. of or relating to the muscles; having or suggesting great physical power or force
16. ca____al school
- n. the main Christian church of a bishop's diocese, which is often the largest and most important church in the area
17. att____ve opportunity
- adj. immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable
18. con____on of a disease
- n. the act or process of becoming smaller or shorter in size, volume, or amount

ANSWERS: 10. trill, 11. lung, 12. rely, 13. symphony, 14. individual, 15. muscular, 16. cathedral, 17. attractive, 18. contraction

19. have ge____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
20. recent su____y *n.* an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions
21. completely fas_____ng to me *adj.* extremely interesting
22. a comprehensive su____y *n.* an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions
23. hyd_____ne sensor *n.* a device used to detect and analyze sound waves in water, typically used for underwater acoustics research, sonar systems, or underwater surveillance
24. vi_____e with anger *v.* to move or cause anything to move fast and in small increments from side to side
25. pleasant o__r *n.* a distinctive or unpleasant smell; a scent or aroma that can be sensed through the sense of smell
26. hu_____ck bridge *n.* a large whale that has a hump on its back and long flippers, found in both the northern and southern hemispheres
27. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
28. become p__y to terrorists *n.* the object of a hunt; an animal hunted or trapped for eating

ANSWERS: 19. genetic, 20. survey, 21. fascinating, 22. survey, 23. hydrophone, 24. vibrate, 25. odor, 26. humpback, 27. environment, 28. prey

29. art cr___c *n.* someone who expresses opinions about the quality of books, music, etc.
30. mi_____ry species *adj.* relating to or characterized by the movement of individuals or groups from one place to another, often for regular seasonal or environmental reasons
31. ba___n bristles *n.* whalebone, or a flexible material made from keratin that is used by whales (and some other animals) to filter krill and other small organisms from seawater
32. Arctic bo_____d *n.* a large, baleen whale species typically found in Arctic and subarctic regions, known for its distinctive, arched upper jaw
33. a mi_____ry operation *adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
34. environmental po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
35. in_____e a tire *v.* to fill something with air or gas so that it becomes bigger and rounder
36. a mi_____ry leader *adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
37. the in_____al economy *adj.* of or relating to the inside of something
38. establish his ki_____m *n.* the country ruled by a king or queen
39. 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

ANSWERS: 29. critic, 30. migratory, 31. baleen, 32. bowhead, 33. military, 34. pollution, 35. inflate, 36. military, 37. internal, 38. kingdom, 39. observe

40. ha__y arms *adj.* covered with hair or having a furry texture; difficult, dangerous, or complicated
41. the tra_____ion gears of a car *n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
42. mic_____ne cable *n.* a device that converts sound into an electrical signal used for recording sounds or making the voice louder
43. the texture of m__k *n.* a small carnivorous mammal with dark brown fur, native to North America and Europe
44. the morning se_____n *n.* a formal meeting or series of meetings for the execution of a particular group's functions; a period spent doing a particular activity
45. at_____t attention *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
46. ea_____op conversation *v.* to listen to someone else's conversation without their knowledge or permission
47. become ess_____ly same *adv.* relating to the essential features or concepts of anything
48. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
49. di_____te variable *adj.* separate and distinct; not continuous; individually distinguishable

ANSWERS: 40. hairy, 41. transmission, 42. microphone, 43. mink, 44. session, 45. attract, 46. eavesdrop, 47. essentially, 48. evolve, 49. discrete

50. statistically un_____ed *adj.* having no connection; not belonging to the kinship
51. tr__l melodious song *v.* to make a vibratory, quavering sound, often in singing or speech, by rapidly alternating between two different notes; (noun) a musical sound or vocalization produced by a rapid alternation between two adjacent pitches
52. top of the hi_____hy *n.* a system in which people or things are organized into different levels of importance from highest to lowest
53. Latin gr_____r *n.* the set of structural constraints on speakers' or writers' composition of clauses, phrases, and words
54. beyond ea_____t *n.* the distance within which a sound can be heard; the range or distance over which one can hear a sound
55. sp_____te on the outcome *v.* to form a theory or conjecture or guess about a subject without solid evidence
56. dif_____ate between fact and fiction *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
57. bo_____d hunt *n.* a large, baleen whale species typically found in Arctic and subarctic regions, known for its distinctive, arched upper jaw
58. an un_____ed position *adj.* having no connection; not belonging to the kinship

ANSWERS: 50. unrelated, 51. trill, 52. hierarchy, 53. grammar, 54. earshot, 55. speculate, 56. differentiate, 57. bowhead, 58. unrelated

59. spinal c__d *n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
60. vi_____e at a regular frequency *v.* to move or cause anything to move fast and in small increments from side to side
61. co_____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
62. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
63. in_____e expense reports *v.* to fill something with air or gas so that it becomes bigger and rounder
64. di_____te metric space *adj.* separate and distinct; not continuous; individually distinguishable
65. m__k fur *n.* a small carnivorous mammal with dark brown fur, native to North America and Europe
66. mi_____ry route *adj.* relating to or characterized by the movement of individuals or groups from one place to another, often for regular seasonal or environmental reasons
67. ev_____e *v.* to develop gradually, or to cause the development of something or someone gradually
68. wh_____e a tune *v.* to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound

ANSWERS: 59. cord, 60. vibrate, 61. construct, 62. structure, 63. inflate, 64. discrete, 65. mink, 66. migratory, 67. evolve, 68. whistle

69. o__r control *n.* a distinctive or unpleasant smell; a scent or aroma that can be sensed through the sense of smell
70. a mu____ar person *adj.* of or relating to the muscles; having or suggesting great physical power or force
71. a dependent va____le *adj.* likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
72. a sy____ny orchestra *n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements
73. st____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
74. deep-sea hyd____ne *n.* a device used to detect and analyze sound waves in water, typically used for underwater acoustics research, sonar systems, or underwater surveillance
75. m__n with pleasure *v.* to make a low, prolonged sound of pain, grief, or sexual pleasure; to complain about something
76. p__y of beast *n.* the object of a hunt; an animal hunted or trapped for eating
77. the ch__p of a bird *n.* a short, sharp sound that is made by birds or insects or by electronic devices such as alarms or beepers

ANSWERS: 69. odor, 70. muscular, 71. variable, 72. symphony, 73. structure, 74. hydrophone, 75. moan, 76. prey, 77. chirp

78. a va____le species *adj.* likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
79. severe cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
80. br__d horses *v.* to keep animals for producing offspring in a regulated manner
81. de__r aggression *v.* to discourage or prevent someone from doing something
82. su____al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
83. the ch__p of a cricket *n.* a short, sharp sound that is made by birds or insects or by electronic devices such as alarms or beepers
84. no__y party *adj.* making a lot of sounds, especially loud or disruptive sound
85. irritate the la____x *n.* an organ in the top of the throat involved in breathing, producing sound
86. ex____ge a few friendly words *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
87. a se____c center *adj.* relating to or caused by an earthquake or earth vibration

ANSWERS: 78. variable, 79. critic, 80. breed, 81. deter, 82. survival, 83. chirp, 84. noisy, 85. larynx, 86. exchange, 87. seismic

88. hold my breath und_____er *adv.* below or under the surface of the water
89. ca_____al choir *n.* the main Christian church of a bishop's diocese, which is often the largest and most important church in the area
90. re_____te in the same frequency *v.* to be filled with a deep echoing sound
91. tra_____ion speed *n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
92. a bull wh___e *n.* a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities
93. ba___n plates *n.* whalebone, or a flexible material made from keratin that is used by whales (and some other animals) to filter krill and other small organisms from seawater
94. set a t___p *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
95. noun ph___e *n.* a group of words that mean something specific when used together
96. the list was ar_____ed alphabetically *v.* to plan, prepare for, and carry out something
97. 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

ANSWERS: 88. underwater, 89. cathedral, 90. resonate, 91. transmission, 92. whale, 93. baleen, 94. trap, 95. phrase, 96. arrange, 97. sac

98. br__d suspicion *v.* to keep animals for producing offspring in a regulated manner
99. re_____e the cardboard boxes *v.* to sort and collect things to process them and produce valuable materials that can be used again
100. ea_____op on a secret plot *v.* to listen to someone else's conversation without their knowledge or permission
101. a mixed ch___s *n.* a group of singers or speakers who perform together, typically in a musical or dramatic production; the part of a song where a soloist is joined by a group of singers
102. the du_____on of insurance *n.* the length of time something lasts or continues
103. short du_____on *n.* the length of time something lasts or continues
104. dull si__t *n.* the ability to see; anything that is seen
105. the court se_____n *n.* a formal meeting or series of meetings for the execution of a particular group's functions; a period spent doing a particular activity
106. ess_____ly correct *adv.* relating to the essential features or concepts of anything
107. at_____t customers *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
108. ev_____ve language *adj.* tending to evoke or bring something to mind

ANSWERS: 98. breed, 99. recycle, 100. eavesdrop, 101. chorus, 102. duration, 103. duration, 104. sight, 105. session, 106. essentially, 107. attract, 108. evocative

109. quintet ch__r *n.* a group of singers, especially one that sings in a church or cathedral
110. hi_____hy of folders *n.* a system in which people or things are organized into different levels of importance from highest to lowest
111. 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
112. a f_n of a plane *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
113. co_____e an essay *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
114. a weak pu__e *n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
115. wh_____e for help *v.* to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound
116. loss of muscle ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
117. ter_____al aggression *adj.* related to a specific country's ownership of land or water

ANSWERS: 109. choir, 110. hierarchy, 111. recycle, 112. fin, 113. compose, 114. pulse, 115. whistle, 116. tissue, 117. territorial

118. dif_____ate a function *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
119. gr__n in pain *v.* to make a low, moaning sound, often indicating pain, discomfort, or dissatisfaction
120. pr_____te a rumor *v.* to spread or promote something widely, particularly beliefs, ideas, or plants and animals through reproduction
121. wh__e watching *n.* a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities
122. de__r crime *v.* to discourage or prevent someone from doing something
123. deeply re_____te with the consumers *v.* to be filled with a deep echoing sound
124. hu_____ck mountain *n.* a large whale that has a hump on its back and long flippers, found in both the northern and southern hemispheres
125. pu__e waves *n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
126. m__n the current situation *v.* to make a low, prolonged sound of pain, grief, or sexual pleasure; to complain about something
127. 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

ANSWERS: 118. differentiate, 119. groan, 120. propagate, 121. whale, 122. deter, 123. resonate, 124. humpback, 125. pulse, 126. moan, 127. observe

128. bat ech_____ion *n.* the use of reflected sound waves to locate objects, particularly by dolphins and bats.
129. ma___e insurance *adj.* relating to the sea and the creatures and plants that live there
130. sop_____ted look *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
131. ch__r performance *n.* a group of singers, especially one that sings in a church or cathedral
132. electrical c__d *n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
133. ex___e cigarette smoke *v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
134. do l__g transplantation *n.* either of the two organs in the chest that people and some animals use for breathing
135. ev_____ve memories *adj.* tending to evoke or bring something to mind
136. as_____le your colleagues *v.* to collect in one place as a single group
137. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
138. in a pre_____le manner *adj.* capable of being known, seen or declared in advance
139. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand

ANSWERS: 128. echolocation, 129. marine, 130. sophisticated, 131. choir, 132. cord, 133. exhale, 134. lung, 135. evocative, 136. assemble, 137. complexity, 138. predictable, 139. complexity

140. in_____re with DNA synthesis *v.* to get involved in and prevent a process or activity from continuing
141. as_____le a jigsaw puzzle *v.* to collect in one place as a single group
142. ready-made ph____es *n.* a group of words that mean something specific when used together
143. ex____e a big sigh *v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
144. pre_____le pattern *adj.* capable of being known, seen or declared in advance
145. back f_n *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
146. an el_____e criminal *adj.* difficult to find, define, achieve, or remember
147. a sop_____ted lifestyle *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
148. ar_____e the meeting *v.* to plan, prepare for, and carry out something
149. r__y on convenience stores *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
150. sp_____te about the reason *v.* to form a theory or conjecture or guess about a subject without solid evidence
151. high levels of air po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change

ANSWERS: 140. interfere, 141. assemble, 142. phrase, 143. exhale, 144. predictable, 145. fin, 146. elusive, 147. sophisticated, 148. arrange, 149. rely, 150. speculate, 151. pollution

152. att_____ve men	<i>adj.</i> immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable
153. fas_____ng story	<i>adj.</i> extremely interesting
154. con_____on in the industry	<i>n.</i> the act or process of becoming smaller or shorter in size, volume, or amount
155. a simple me____y	<i>n.</i> a succession of musical tones forming part of a larger piece of music
156. in_____re in another country's affairs	<i>v.</i> to get involved in and prevent a process or activity from continuing
157. a facial ti____e	<i>n.</i> an ensemble of similar cells of the animal or plant that together carry out a specific function
158. pr_____te plants	<i>v.</i> to spread or promote something widely, particularly beliefs, ideas, or plants and animals through reproduction
159. ha__y situation	<i>adj.</i> covered with hair or having a furry texture; difficult, dangerous, or complicated
160. com_____te well with my advisor	<i>v.</i> to share or exchange information with others by speaking, writing, moving your body, or using other signals
161. built-in mic_____ne	<i>n.</i> a device that converts sound into an electrical signal used for recording sounds or making the voice louder
162. chaotic env_____nt	<i>n.</i> the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 152. attractive, 153. fascinating, 154. contraction, 155. melody, 156. interfere, 157. tissue, 158. propagate, 159. hairy, 160. communicate, 161. microphone, 162. environment

163. in_____al organs	<i>adj.</i> of or relating to the inside of something
164. an unexpected si__t	<i>n.</i> the ability to see; anything that is seen
165. gr__n for water	<i>v.</i> to make a low, moaning sound, often indicating pain, discomfort, or dissatisfaction
166. a ge_____c disorder	<i>adj.</i> of or relating to genes (= parts of the DNA in cells) or the science of genes
167. a quintet ch___s	<i>n.</i> a group of singers or speakers who perform together, typically in a musical or dramatic production; the part of a song where a soloist is joined by a group of singers
168. a subordinate ki_____m	<i>n.</i> the country ruled by a king or queen
169. su_____al ability	<i>n.</i> the state of continuing to exist or live, frequently in the face of difficulty or danger
170. track down an el_____e fact	<i>adj.</i> difficult to find, define, achieve, or remember
171. co_____ct a dam	<i>v.</i> to build or create something; to assemble or combine different parts to form something whole
172. co_____e my thoughts	<i>v.</i> to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
173. ter_____al integrity	<i>adj.</i> related to a specific country's ownership of land or water
174. narrowing of the la___x	<i>n.</i> an organ in the top of the throat involved in breathing, producing sound

ANSWERS: 163. internal, 164. sight, 165. groan, 166. genetic, 167. chorus, 168. kingdom, 169. survival, 170. elusive, 171. construct, 172. compose, 173. territorial, 174. larynx

175. gr____r checker *n.* the set of structural constraints on speakers' or writers' composition of clauses, phrases, and words
176. se____c activities *adj.* relating to or caused by an earthquake or earth vibration
177. com_____te his anxieties to the psychiatrist *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
178. the me____y of a tune *n.* a succession of musical tones forming part of a larger piece of music

ANSWERS: 175. grammar, 176. seismic, 177. communicate, 178. melody

Session 3: Fill in the Blanks

1. She _____ the balloons for the party.
v. to fill something with air or gas so that it becomes bigger and rounder
2. The researcher separated the nervous _____ for microscopic examinations.
n. an ensemble of similar cells of the animal or plant that together carry out a specific function
3. The enemy fell right into the _____.
n. a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
4. He took a deep breath and slowly began to _____.
v. to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
5. The gospel _____ sang beautifully at the church service.
n. a group of singers, especially one that sings in a church or cathedral
6. She has taken a step up in the organizational _____.
n. a system in which people or things are organized into different levels of importance from highest to lowest
7. The high fence was meant to _____ intruders from entering the property.
v. to discourage or prevent someone from doing something
8. The physicist who found the _____ particle won the Nobel Prize.
adj. difficult to find, define, achieve, or remember

ANSWERS: 1. inflated, 2. tissue, 3. trap, 4. exhale, 5. choir, 6. hierarchy, 7. deter, 8. elusive

9. He is good at swimming _____.
adv. below or under the surface of the water
10. He _____ that this investment would lead to success.
v. to form a theory or conjecture or guess about a subject without solid evidence
11. The shark's powerful _____ allowed it to swim at high speeds.
n. a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
12. 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
13. The sight of the huge pile of laundry made me _____ with dread.
v. to make a low, moaning sound, often indicating pain, discomfort, or dissatisfaction
14. My sister and I frequently _____ books, as we love reading.
v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
15. Education is the _____ of civilization.
n. the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
16. The growth of the "sharing economy" is _____ for tech companies.
adj. immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable

ANSWERS: 9. underwater, 10. speculated, 11. fins, 12. sac, 13. groan, 14. exchange, 15. transmission, 16. attractive

17. The whale's _____ filters out small organisms for the animal to eat.
n. whalebone, or a flexible material made from keratin that is used by whales (and some other animals) to filter krill and other small organisms from seawater
18. _____ a society is an organism.
adv. relating to the essential features or concepts of anything
19. The employee decided to _____ on the company's illegal activities.
v. to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound
20. The prime minister canceled visits to other countries to resolve _____ disputes.
adj. of or relating to the inside of something
21. That _____ shows that people are accepting the tax increase to some extent.
n. an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions
22. The sound of the _____ woke me up early in the morning.
n. a short, sharp sound that is made by birds or insects or by electronic devices such as alarms or beepers
23. 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
24. She _____ in pain as the doctor examined her injury.
v. to make a low, prolonged sound of pain, grief, or sexual pleasure; to complain about something

ANSWERS: 17. baleen, 18. Essentially, 19. whistle-blow, 20. internal, 21. survey, 22. chirp, 23. complexity, 24. moaned

25. Rainfall in the tropics is highly _____.

adj. likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed

26. The military incarcerated him for the _____ of the war.

n. the length of time something lasts or continues

27. The structure is _____ of three main components.

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

28. We bought a Spanish _____ book.

n. a group of words that mean something specific when used together

29. The _____ of the song was catchy and easily memorized.

n. a group of singers or speakers who perform together, typically in a musical or dramatic production; the part of a song where a soloist is joined by a group of singers

30. The majority of snakes swallow their _____ whole.

n. the object of a hunt; an animal hunted or trapped for eating

31. Your spinal _____ is located deep within your body.

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

32. Mastering _____ takes a lot of time for those learning a foreign language.

n. the set of structural constraints on speakers' or writers' composition of clauses, phrases, and words

ANSWERS: 25. variable, 26. duration, 27. composed, 28. phrase, 29. chorus, 30. prey, 31. cord, 32. grammar

33. This animal _____ in northern latitudes.
v. to keep animals for producing offspring in a regulated manner
34. I could hear the music from the concert within _____ of my home.
n. the distance within which a sound can be heard; the range or distance over which one can hear a sound
35. 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
36. The music was _____ of a bygone era.
adj. tending to evoke or bring something to mind
37. This harmonious _____ immortalized its composer.
n. a succession of musical tones forming part of a larger piece of music
38. The new rescue dog was covered in thick, _____ fur that kept him warm in cold weather.
adj. covered with hair or having a furry texture; difficult, dangerous, or complicated
39. The _____ academy was known for its strict discipline and training.
adj. relating to or characteristic of members of the armed forces; of or relating to war or warfare
40. The construction outside was creating a _____ distraction from my work.
adj. making a lot of sounds, especially loud or disruptive sound
41. She worked hard to treat her _____ dystrophy.
adj. of or relating to the muscles; having or suggesting great physical power or force

ANSWERS: 33. breeds, 34. earshot, 35. individual, 36. evocative, 37. melody, 38. hairy, 39. military, 40. noisy, 41. muscular

42. The _____ stained glass windows depicted scenes from the Bible.
- n.* the main Christian church of a bishop's diocese, which is often the largest and most important church in the area
43. 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
44. The _____ from the trash can was unbearable, so I had to take it out.
- n.* a distinctive or unpleasant smell; a scent or aroma that can be sensed through the sense of smell
45. Babies heavily _____ on others for food.
- v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
46. Earthquakes produce two types of _____ waves.
- adj.* relating to or caused by an earthquake or earth vibration
47. Every human is responsible for taking care of the Earth's _____.
- n.* the natural world such as air, water, and land in which humans, animals, and plants live
48. The _____ whale is known for its massive size and long lifespan.
- n.* a large, baleen whale species typically found in Arctic and subarctic regions, known for its distinctive, arched upper jaw
49. During the flight, the wings of the plane _____.
- v.* to move or cause anything to move fast and in small increments from side to side

ANSWERS: 42. cathedral's, 43. observe, 44. odor, 45. rely, 46. seismic, 47. environment, 48. bowhead, 49. vibrate

50. The organizational _____ of start-ups is often flat and straightforward.

- n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

51. The government is eager to _____ international investment.

- v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones

52. The economy becomes more volatile and less _____.

- adj.* capable of being known, seen or declared in advance

53. The teacher asked the students to _____ between the two similar species of birds.

- v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

54. He has terminal _____ cancer.

- n.* either of the two organs in the chest that people and some animals use for breathing

55. Dolphins use _____ for hunting fish.

- n.* the use of reflected sound waves to locate objects, particularly by dolphins and bats.

56. The _____ is endangering the local plants and animals.

- n.* the introduction of harmful substances or waste into the natural environment that causes adverse change

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

- adj.* extremely interesting

ANSWERS: 50. structure, 51. attract, 52. predictable, 53. differentiate, 54. lung, 55. echolocation, 56. pollution, 57. fascinating

58. He _____ hypotheses that no mathematician has ever imagined before.
v. to build or create something; to assemble or combine different parts to form something whole
59. Eyeless fish _____ in dark caves.
v. to develop gradually, or to cause the development of something or someone gradually
60. Seals and whales are _____ animals beloved by the people.
adj. relating to the sea and the creatures and plants that live there
61. Understanding protein folding is a vital step in deciphering the _____ code.
adj. of or relating to genes (= parts of the DNA in cells) or the science of genes
62. The military uses _____ for underwater surveillance and communication.
n. a device used to detect and analyze sound waves in water, typically used for underwater acoustics research, sonar systems, or underwater surveillance
63. The company is working hard to _____ their brand message to as many people as possible
v. to spread or promote something widely, particularly beliefs, ideas, or plants and animals through reproduction
64. Advocates for legal reform hear less harsh words from their _____.
n. someone who expresses opinions about the quality of books, music, etc.
65. Excuse me if my question is _____ to the topic.
adj. having no connection; not belonging to the kinship

ANSWERS: 58. constructs, 59. evolved, 60. marine, 61. genetic, 62. hydrophones, 63. propagate, 64. critics, 65. unrelated

66. 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
67. He evaluated his chances for _____ rather pessimistically.
- n. the state of continuing to exist or live, frequently in the face of difficulty or danger
68. The interviewer asked him to speak into the _____.
- n. a device that converts sound into an electrical signal used for recording sounds or making the voice louder
69. Your talking _____ with my work.
- v. to get involved in and prevent a process or activity from continuing
70. By remaining neutral, this _____ continued to exist.
- n. the country ruled by a king or queen
71. The company divided the tasks into _____ segments to increase efficiency.
- adj. separate and distinct; not continuous; individually distinguishable
72. The president began to _____ an army.
- v. to collect in one place as a single group
73. The sound _____ well in this theater.
- v. to be filled with a deep echoing sound
74. I need to _____ plans with him for the celebration.
- v. to plan, prepare for, and carry out something

ANSWERS: 66. recycle, 67. survival, 68. microphone, 69. interferes, 70. kingdom, 71. discrete, 72. assemble, 73. resonates, 74. arrange

75. I accidentally _____ on a confidential meeting last week.
v. to listen to someone else's conversation without their knowledge or permission
76. The soprano singer's voice _____ with pure clarity, captivating the audience.
v. to make a vibratory, quavering sound, often in singing or speech, by rapidly alternating between two different notes; (noun) a musical sound or vocalization produced by a rapid alternation between two adjacent pitches
77. Many famous _____ are within walking distance.
n. the ability to see; anything that is seen
78. The _____ whale is known for its distinctive songs that can travel great distances.
n. a large whale that has a hump on its back and long flippers, found in both the northern and southern hemispheres
79. The cardiac monitor displays the intensity of your _____.
n. the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
80. The _____ of the economy has led to job losses.
n. the act or process of becoming smaller or shorter in size, volume, or amount
81. The ship will not enter Chinese _____ seas.
adj. related to a specific country's ownership of land or water
82. Dolphins use sound to _____ with each other.
v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

ANSWERS: 75. eavesdropped, 76. trilled, 77. sights, 78. humpback, 79. pulse, 80. contraction, 81. territorial, 82. communicate

83. Marketing strategies are growing more _____.

adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

84. Parliament is now in _____.

n. a formal meeting or series of meetings for the execution of a particular group's functions; a period spent doing a particular activity

85. The _____ birds flew thousands of miles to reach their wintering grounds.

adj. relating to or characterized by the movement of individuals or groups from one place to another, often for regular seasonal or environmental reasons

86. Smoking significantly increases the risk of _____ cancer.

n. an organ in the top of the throat involved in breathing, producing sound

87. The frequent performances of the _____ prove its popularity.

n. a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements

88. She wrapped herself in the luxurious _____ coat on the cold winter day.

n. a small carnivorous mammal with dark brown fur, native to North America and Europe

89. Some countries have a culture of eating the flesh of a _____.

n. a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities

ANSWERS: 83. sophisticated, 84. session, 85. migratory, 86. larynx, 87. symphony, 88. mink, 89. whale