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Paul Snelgrove: A census of the ocean | TED Talk

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Advanced Words Only

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Session 1: Word List

Arthurian

adj. relating to king Arthur and the tales and legends associated with him

(1) the **Arthurian** cycle, (2) **Arthurian** romances

The **Arthurian** legends of King Arthur and the knights of the Round Table are popular literary motifs.

photosynthesis

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

(1) oxygenic **photosynthesis**, (2) process of **photosynthesis**

In **photosynthesis**, plants use carbon dioxide to feed themselves.

descend

v. to move downward and lower; to come from, or to be connected by a relationship of blood

synonym: dip, drop, come down

(1) **descend** a steep hill, (2) **descend** by elevator

She was **descended** from an old Italian noble family.

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.

livable

adj. capable of being lived in comfortably and sustainably; suitable for human habitation

synonym: habitable, comfortable, pleasant

(1) **livable** city, (2) **livable** housing

Finding a safe and **livable** neighborhood is important when looking for a new place to live.

pinpoint

v. to locate or identify the exact position in space or time of something

synonym: name, direct, identify

(1) **pinpoint** the problem, (2) **pinpoint** signs of manipulation

This radar quickly **pinpoints** the position of the enemy.

luminescent

adj. emitting light or glowing softly, often without heat; having the ability to produce or emit light, especially through chemical reactions or by absorbing and then releasing energy

synonym: glowing, radiant, shining

(1) soft **luminescent** glow, (2) mesmerizing **luminescent** effect

The **luminescent** stars illuminated the night sky.

denizen

n. an inhabitant or resident of a particular place; a person, animal, or plant that is frequently found or is characteristic of a particular region or environment

synonym: inhabitant, resident, occupant

(1) internet **denizen**, (2) waterfront **denizen**

The lake is known for its **denizens** of various fish species.

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**.

oceanography

n. the scientific study of oceans and other bodies of saltwater, including their physical, chemical, and biological characteristics, as well as their interactions with the atmosphere and land

synonym: marine science, oceanology, oceanic research

(1) **oceanography** data, (2) **oceanography** expedition

The **oceanography** research center is dedicated to studying the impacts of climate change on the ocean's ecosystem.

lament

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

synonym: mourn, grieve, bemoan

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

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

shoreline

n. a line that separates land and sea

(1) **shoreline** erosion, (2) coral-reef **shoreline**

Flooding occurs along the city's **shoreline** due to the storm surge.

abyss

n. a deep, dark, or seemingly bottomless chasm or void

synonym: chasm, cavity, gulf

(1) the **abyss** of time, (2) an **abyss** of hopelessness

The deep sea is an **abyss** of mystery and discovery.

microbe

n. a tiny living thing that can only be seen with a microscope and that may cause disease

synonym: germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

Microbes thrive on the surface of the human skin.

taxonomy

n. the classification or scientific study of organisms, including their relationships to each other, based on shared characteristics and traits; a system of organizing

and categorizing information in a particular field or subject area

synonym: classification, categorization, hierarchy

(1) **taxonomy** system, (2) biological **taxonomy**

The **taxonomy** of insects is incredibly complex due to the huge number of species.

codfish

n. a common name for various species of edible fish belonging to the family Gadidae, typically having elongated bodies and a flaky white flesh

(1) salted **codfish**, (2) grilled **codfish**

I love eating fresh **codfish** with lemon and herbs.

monastery

n. a building or complex of buildings in which members of a male religious community, called monks, live and worship

synonym: abbey, convent, friary

(1) **monastery** garden, (2) leave a **monastery**

This ancient **monastery** was founded in the 13th century and had a long history of religious devotion.

refrigeration

n. the process of cooling or freezing something, especially food, to preserve it

synonym: cooling, freezing, preservation

(1) **refrigeration** car, (2) **refrigeration** technology

The supermarket had a large **refrigeration** section with all kinds of fresh produce.

extrapolation

n. the act of estimating or inferring something based on known information or data, often beyond the range of the available information or data; a projection or projection of trends or patterns into the future

synonym: inference, projection

(1) **extrapolation** method, (2) statistical **extrapolation**

The **extrapolation** error led to inaccuracies in the economic forecasting model.

mammal

n. any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body

(1) a primitive **mammal**, (2) a sort of **mammal**

Marine **mammal** populations are declining worldwide due to ocean pollution.

hopeless

adj. having no hope; despairing; having no chance of success

synonym: despairing, helpless, futile

(1) **hopeless** situation, (2) **hopeless** at everything

After months of job searching, he felt **hopeless** and unsure of his future.

confer

v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

synonym: consult, meet, discuss

(1) **confer** degree, (2) **confer** honor

The leaders of the two countries met to **confer** on the issue.

tether

v. to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog

synonym: tie, fasten, secure

(1) **tether** a horse, (2) **tether** strap

The hiker **tethered** their dog to a tree while they camped for the night.

acoustics

n. a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound

(1) specialize in **acoustics**, (2) the engineer of **acoustics**

The physicist specializes in **acoustics**.

opportune

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

synonym : suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

colorblind

adj. (of a person) unable to distinguish certain colors or used to describe a lack of racial or cultural bias

synonym : color-deficient, chromatic-impaired

(1) **colorblind** condition, (2) **colorblind** person

The company's HR policy advocates for a **colorblind** workplace where all employees are treated equally regardless of race.

barcode

n. a series of parallel lines of varying width and spacing printed on a product or package, which can be read by a barcode scanner to quickly and accurately identify the product and its price

synonym : scan, QR code

(1) **barcode** reader, (2) product **barcode**

The cashier scanned the **barcode** on the packaging to ring up the price.

tuna

n. a large fish of the mackerel family, found in warm seas; commonly used for commercial and sport fishing and as a food source for humans and other animals

(1) **tuna** steak, (2) canned **tuna**

I made a **tuna** sandwich for lunch today.

tilapia

n. a type of freshwater fish commonly farmed for food, native to Africa and the Middle East

(1) **tilapia** fillets, (2) grilled **tilapia**

I had delicious **tilapia** for dinner last night.

unexplored

adj. not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered

synonym : uncharted, undiscovered, untapped

(1) **unexplored** ideas, (2) **unexplored** cave

There are many **unexplored** regions of the ocean that scientists hope to study soon.

gulf

n. a large ocean inlet or deep bay that is partially enclosed by land

synonym: chasm, divide, abyss

(1) **gulf** war, (2) **gulf** stream

The **Gulf** of Mexico is a body of water in the southern United States.

esoteric

adj. intended for or likely to be understood by only a small number of people with specialized knowledge or interest

synonym: abstruse, recondite, arcane

(1) an **esoteric** religion, (2) **esoteric** tome

The book's content was so **esoteric** only a select few scholars could fully understand it.

oceanic

adj. relating to or characteristic of the ocean or its inhabitants; having to do with the vast expanse of saltwater that covers most of the Earth's surface

synonym: marine, pelagic, sea

(1) **oceanic** climate, (2) **oceanic** exploration

The **oceanic** waves crashed against the shore, creating a mesmerizing sight.

prioritize

v. to assign a higher level of importance to something compared to other things

synonym: rank, order, arrange

(1) **prioritize** tasks, (2) **prioritize** people over cars

The organization **prioritized** the needs of the community in its decision-making.

conserve

v. to protect something, especially the natural environment or culture, from change, damage, or destruction

synonym: preserve, save, maintain

(1) means to **conserve** energy, (2) **conserve** coal resources

Children must be taught to **conserve** our natural environment.

lobster

n. a marine crustacean with a hard, often brightly colored shell, a pair of large pincers, and a tail used for swimming

synonym: crustacean, crawfish, crayfish

(1) **lobster** dinner, (2) fresh **lobster**

The restaurant served a delicious **lobster**, steamed to perfection.

elude

v. to escape or avoid capture or detection, often by being clever or cunning

synonym: evade, avoid, dodge

(1) **elude** the law, (2) **elude** responsibility for the failure

The suspect **eluded** capture for weeks before being caught by the police.

kelp

n. a large brown seaweed that grows in cold coastal waters

synonym: seaweed, marine algae

(1) **kelp** forest, (2) giant **kelp**

The coast was lined with beds of **kelp** swaying in the tide.

dub

v. to give someone or something an unofficial name or nickname; to provide movies with a voice of a foreign language

synonym: name, designate, nickname

(1) **dub** the film in English, (2) **dub** data

We **dubbed** him Ironman because of his toughness.

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.

soot

n. a black, powdery substance that is produced by the incomplete burning of a material such as coal, wood, or oil and is often found on surfaces near the source of the fire

synonym : smut, dirt

(1) **soot-covered** walls, (2) black **soot**

The fire left a layer of **soot** on everything in the room.

converge

v. to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet

synonym : congregate, assemble, concentrate

(1) **converge** of a series, (2) **converge** from different points

The two rivers **converge** into one near this area.

critter

n. a small or unimportant creature or animal, often used in a familiar or affectionate way

synonym : animal, creature, beast

(1) cute **critter**, (2) wild **critter**

During their camping trip, the kids were excited to go **critter** hunting in the woods.

charismatic

adj. having a strong and magnetic personality that attracts and influences others

synonym : mesmerizing, alluring, captivating

(1) **charismatic** chairman, (2) **charismatic** personality

He was a **charismatic** leader and could persuade others to follow his ideas.

hydrothermal

adj. relating to hot water or steam, especially in the Earth's crust, and the thermal energy and chemical reactions that occur as a result

synonym : geothermal, thermal, volcanic

(1) **hydrothermal** vents, (2) **hydrothermal** chemistry

The **hydrothermal** activity in this area creates a unique environment for marine creatures.

arctic

adj. of or relating to the region around the North Pole or the Arctic Ocean; very cold

synonym : cold, frozen, polar

(1) **arctic** ice, (2) high **arctic**

Cold temperatures and long, dark winters characterize the **arctic** climate.

extrapolate

v. to guess or think about what might happen or estimate something using the facts that you have now

synonym : deduce, reason, infer

(1) **extrapolate** the results, (2) **extrapolate** animal dose

This predictive model mechanically **extrapolates** past trends into the future.

seawater

n. water from the sea or ocean, typically containing salt and various other dissolved minerals

synonym : saltwater, brine, ocean water

(1) **seawater** pollution, (2) **seawater** bacteria

The desalination plant turned **seawater** into drinking water through a complex process.

interconnect

v. to connect similar things

synonym : interlink, connect, annex

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

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

trawl

v. to fish by dragging a net, often along the bottom of the ocean or river; to search or examine something thoroughly, often looking for a specific item or information

synonym : fish, dredge, drag

(1) **trawl** the Internet for free music, (2) **trawl** for fish

The fisherman used a net to **trawl** the bottom of the river for his catch.

pristine

adj. new and completely free from dirt or contamination
synonym : chaste, pure, immaculate

(1) **pristine** beach, (2) maintain the **pristine** condition
It is terrific to camp in **pristine** nature.

acidification

n. the act or process of becoming acid or making something become acid

(1) **acidification** of soil, (2) stream **acidification**
Ocean **acidification** leads to a decrease in tiny sea snails.

litany

n. a prolonged or repetitive recitation or listing of something, often with a negative connotation; a repetitive series or list of complaints, criticisms, or requests

(1) **litany** of prayers, (2) **litany** of excuses

The **litany** of complaints from unhappy customers reminded us that we needed to improve our service.

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.

illuminate

v. to light something or to make something lighter or brighter; to make something free from confusion or ambiguity

synonym : brighten, light, adorn

(1) **illuminate** a dark hall, (2) **illuminate** my understanding

That biologist **illuminated** the mechanism of heredity.

wondrous

adj. inspiring amazement or admiration; extremely beautiful and impressive

synonym : amazing, fantastic, miraculous

(1) **wondrous** sight, (2) **wondrous** adventure

The **wondrous** beauty of the sunset left us all in awe.

yak

v. to talk at length, often without a particular purpose or direction; (noun) a long-haired bovine mammal native to central Asia that is often domesticated and used for its meat, milk, and wool

synonym: chatter, cackle

(1) domestic **yak**, (2) sit and **yak** about life

The friends met at the local pub every Friday to **yak** about their week.

herder

n. a person who takes care of and manages a herd of livestock, such as cows, sheep, or goats

synonym: shepherd, rancher, drover

(1) cattle **herder**, (2) seminomadic **herders**

The sheep **herder** led his flock through the hills, keeping a watchful eye on them at all times.

Session 2: Spelling

1. oce_____phy data *n.* the scientific study of oceans and other bodies of saltwater, including their physical, chemical, and biological characteristics, as well as their interactions with the atmosphere and land
2. ref_____ion car *n.* the process of cooling or freezing something, especially food, to preserve it
3. ta_____my system *n.* the classification or scientific study of organisms, including their relationships to each other, based on shared characteristics and traits; a system of organizing and categorizing information in a particular field or subject area
4. grilled co_____h *n.* a common name for various species of edible fish belonging to the family Gadidae, typically having elongated bodies and a flaky white flesh
5. ext_____ion method *n.* the act of estimating or inferring something based on known information or data, often beyond the range of the available information or data; a projection or projection of trends or patterns into the future
6. wild cr_____r *n.* a small or unimportant creature or animal, often used in a familiar or affectionate way

ANSWERS: 1. oceanography, 2. refrigeration, 3. taxonomy, 4. codfish, 5. extrapolation, 6. critter

7. salted co____h *n.* a common name for various species of edible fish belonging to the family Gadidae, typically having elongated bodies and a flaky white flesh
8. mesmerizing lum_____nt effect *adj.* emitting light or glowing softly, often without heat; having the ability to produce or emit light, especially through chemical reactions or by absorbing and then releasing energy
9. ext_____te animal dose *v.* to guess or think about what might happen or estimate something using the facts that you have now
10. sit and y_k about life *v.* to talk at length, often without a particular purpose or direction; (noun) a long-haired bovine mammal native to central Asia that is often domesticated and used for its meat, milk, and wool
11. co_____ve coal resources *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
12. oc_____c exploration *adj.* relating to or characteristic of the ocean or its inhabitants; having to do with the vast expanse of saltwater that covers most of the Earth's surface
13. statistical ext_____ion *n.* the act of estimating or inferring something based on known information or data, often beyond the range of the available information or data; a projection or projection of trends or patterns into the future

ANSWERS: 7. codfish, 8. luminescent, 9. extrapolate, 10. yak, 11. conserve, 12. oceanic, 13. extrapolation

14. mo_____ry garden *n.* a building or complex of buildings in which members of a male religious community, called monks, live and worship
15. soft lum_____nt glow *adj.* emitting light or glowing softly, often without heat; having the ability to produce or emit light, especially through chemical reactions or by absorbing and then releasing energy
16. li___y of prayers *n.* a prolonged or repetitive recitation or listing of something, often with a negative connotation; a repetitive series or list of complaints, criticisms, or requests
17. cattle he___r *n.* a person who takes care of and manages a herd of livestock, such as cows, sheep, or goats
18. black s__t *n.* a black, powdery substance that is produced by the incomplete burning of a material such as coal, wood, or oil and is often found on surfaces near the source of the fire
19. the fo_____nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
20. domestic y_k *v.* to talk at length, often without a particular purpose or direction; (noun) a long-haired bovine mammal native to central Asia that is often domesticated and used for its meat, milk, and wool
21. pi_____nt the problem *v.* to locate or identify the exact position in space or time of something

ANSWERS: 14. monastery, 15. luminescent, 16. litany, 17. herder, 18. soot, 19. footprint, 20. yak, 21. pinpoint

22. directly int_____ect with those systems *v.* to connect similar things
23. pi_____nt signs of manipulation *v.* to locate or identify the exact position in space or time of something
24. means to co_____ve energy *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
25. li_____e city *adj.* capable of being lived in comfortably and sustainably; suitable for human habitation
26. the ab__s of time *n.* a deep, dark, or seemingly bottomless chasm or void
27. long-ex_____t volcano *adj.* no longer in existence
28. cute cr_____r *n.* a small or unimportant creature or animal, often used in a familiar or affectionate way
29. fresh lo_____r *n.* a marine crustacean with a hard, often brightly colored shell, a pair of large pincers, and a tail used for swimming
30. tr__l the Internet for free music *v.* to fish by dragging a net, often along the bottom of the ocean or river; to search or examine something thoroughly, often looking for a specific item or information
31. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
32. oce_____phy expedition *n.* the scientific study of oceans and other bodies of saltwater, including their physical, chemical, and biological characteristics, as well as their interactions with the atmosphere and land

ANSWERS: 22. interconnect, 23. pinpoint, 24. conserve, 25. livable, 26. abyss, 27. extinct, 28. critter, 29. lobster, 30. trawl, 31. opportune, 32. oceanography

33. artificial bi_____re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
34. seminomadic he____rs *n.* a person who takes care of and manages a herd of livestock, such as cows, sheep, or goats
35. t__a steak *n.* a large fish of the mackerel family, found in warm seas; commonly used for commercial and sport fishing and as a food source for humans and other animals
36. ho_____ss situation *adj.* having no hope; despairing; having no chance of success
37. stream aci_____ion *n.* the act or process of becoming acid or making something become acid
38. el__e responsibility for the failure *v.* to escape or avoid capture or detection, often by being clever or cunning
39. es_____ic tome *adj.* intended for or likely to be understood by only a small number of people with specialized knowledge or interest
40. li_____e housing *adj.* capable of being lived in comfortably and sustainably; suitable for human habitation
41. pri_____ze people over cars *v.* to assign a higher level of importance to something compared to other things
42. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease

ANSWERS: 33. biosphere, 34. herder, 35. tuna, 36. hopeless, 37. acidification, 38. elude, 39. esoteric, 40. livable, 41. prioritize, 42. microbe

53. oxygenic pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
54. ext_____te the results *v.* to guess or think about what might happen or estimate something using the facts that you have now
55. de_____d a steep hill *v.* to move downward and lower; to come from, or to be connected by a relationship of blood
56. grilled ti_____a *n.* a type of freshwater fish commonly farmed for food, native to Africa and the Middle East
57. cha_____ic personality *adj.* having a strong and magnetic personality that attracts and influences others
58. the Ar_____an cycle *adj.* relating to king Arthur and the tales and legends associated with him
59. an es_____ic religion *adj.* intended for or likely to be understood by only a small number of people with specialized knowledge or interest
60. te____r strap *v.* to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog
61. process of pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

ANSWERS: 53. photosynthesis, 54. extrapolate, 55. descend, 56. tilapia, 57. charismatic, 58. Arthurian, 59. esoteric, 60. tether, 61. photosynthesis

62. une_____ed cave *adj.* not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered
63. co_____ge of a series *v.* to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet
64. fo_____nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
65. se_____er pollution *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
66. high ar____c *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
67. col_____nd person *adj.* (of a person) unable to distinguish certain colors or used to describe a lack of racial or cultural bias
68. de_____d by elevator *v.* to move downward and lower; to come from, or to be connected by a relationship of blood
69. a primitive ma____l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
70. une_____ed ideas *adj.* not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered
71. aci_____ion of soil *n.* the act or process of becoming acid or making something become acid
72. Ar_____an romances *adj.* relating to king Arthur and the tales and legends associated with him

ANSWERS: 62. unexplored, 63. converge, 64. footprint, 65. seawater, 66. arctic, 67. colorblind, 68. descend, 69. mammal, 70. unexplored, 71. acidification, 72. Arthurian

73. hyd_____mal chemistry *adj.* relating to hot water or steam, especially in the Earth's crust, and the thermal energy and chemical reactions that occur as a result
74. li___y of excuses *n.* a prolonged or repetitive recitation or listing of something, often with a negative connotation; a repetitive series or list of complaints, criticisms, or requests
75. ba_____e reader *n.* a series of parallel lines of varying width and spacing printed on a product or package, which can be read by a barcode scanner to quickly and accurately identify the product and its price
76. tr__l for fish *v.* to fish by dragging a net, often along the bottom of the ocean or river; to search or examine something thoroughly, often looking for a specific item or information
77. cha_____ic chairman *adj.* having a strong and magnetic personality that attracts and influences others
78. a sort of ma___l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
79. specialize in ac_____cs *n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound

ANSWERS: 73. hydrothermal, 74. litany, 75. barcode, 76. trawl, 77. charismatic, 78. mammal, 79. acoustics

80. el__e the law v. to escape or avoid capture or detection, often by being clever or cunning
81. human activities int_____ect with the environment v. to connect similar things
82. product ba_____e n. a series of parallel lines of varying width and spacing printed on a product or package, which can be read by a barcode scanner to quickly and accurately identify the product and its price
83. co____r honor v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
84. wo_____us adventure adj. inspiring amazement or admiration; extremely beautiful and impressive
85. se_____er bacteria n. water from the sea or ocean, typically containing salt and various other dissolved minerals
86. leave a mo_____ry n. a building or complex of buildings in which members of a male religious community, called monks, live and worship
87. ex_____t by human activity adj. no longer in existence
88. internet de_____n n. an inhabitant or resident of a particular place; a person, animal, or plant that is frequently found or is characteristic of a particular region or environment
89. d_b the film in English v. to give someone or something an unofficial name or nickname; to provide movies with a voice of a foreign language

ANSWERS: 80. elude, 81. interconnect, 82. barcode, 83. confer, 84. wondrous, 85. seawater, 86. monastery, 87. extinct, 88. denizen, 89. dub

90. waterfront de_____n *n.* an inhabitant or resident of a particular place; a person, animal, or plant that is frequently found or is characteristic of a particular region or environment
91. s__t-covered walls *n.* a black, powdery substance that is produced by the incomplete burning of a material such as coal, wood, or oil and is often found on surfaces near the source of the fire
92. maintain the pr_____ne condition *adj.* new and completely free from dirt or contamination
93. co____r degree *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
94. coral-reef sh_____ne *n.* a line that separates land and sea
95. lo_____r dinner *n.* a marine crustacean with a hard, often brightly colored shell, a pair of large pincers, and a tail used for swimming
96. pr_____ne beach *adj.* new and completely free from dirt or contamination
97. ill_____te a dark hall *v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
98. mi_____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
99. hu_____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
100. the engineer of ac_____cs *n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound

ANSWERS: 90. denizen, 91. soot, 92. pristine, 93. confer, 94. shoreline, 95. lobster, 96. pristine, 97. illuminate, 98. microbe, 99. humming, 100. acoustics

101. ho____ss at everything *adj.* having no hope; despairing; having no chance of success
102. wo____us sight *adj.* inspiring amazement or admiration; extremely beautiful and impressive
103. k__p forest *n.* a large brown seaweed that grows in cold coastal waters
104. ref_____ion technology *n.* the process of cooling or freezing something, especially food, to preserve it
105. canned t__a *n.* a large fish of the mackerel family, found in warm seas; commonly used for commercial and sport fishing and as a food source for humans and other animals
106. giant k__p *n.* a large brown seaweed that grows in cold coastal waters
107. ar____c ice *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
108. ill_____te my understanding *v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
109. oc____c climate *adj.* relating to or characteristic of the ocean or its inhabitants; having to do with the vast expanse of saltwater that covers most of the Earth's surface
110. hu____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
111. la____t the situation *v.* to express sadness, grief, or disappointment about something, often by complaining or mourning

ANSWERS: 101. hopeless, 102. wondrous, 103. kelp, 104. refrigeration, 105. tuna, 106. kelp, 107. arctic, 108. illuminate, 109. oceanic, 110. humming, 111. lament

112. te___r a horse *v.* to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog
113. an ab__s of hopelessness *n.* a deep, dark, or seemingly bottomless chasm or void
114. ti____a fillets *n.* a type of freshwater fish commonly farmed for food, native to Africa and the Middle East
115. terrestrial bi____re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
116. hyd_____mal vents *adj.* relating to hot water or steam, especially in the Earth's crust, and the thermal energy and chemical reactions that occur as a result

ANSWERS: 112. tether, 113. abyss, 114. tilapia, 115. biosphere, 116. hydrothermal

Session 3: Fill in the Blanks

1. The _____ error led to inaccuracies in the economic forecasting model.
 - n.* the act of estimating or inferring something based on known information or data, often beyond the range of the available information or data; a projection or projection of trends or patterns into the future

2. The fisherman used a net to _____ the bottom of the river for his catch.
 - v.* to fish by dragging a net, often along the bottom of the ocean or river; to search or examine something thoroughly, often looking for a specific item or information

3. This predictive model mechanically _____ past trends into the future.
 - v.* to guess or think about what might happen or estimate something using the facts that you have now

4. The _____ waves crashed against the shore, creating a mesmerizing sight.
 - adj.* relating to or characteristic of the ocean or its inhabitants; having to do with the vast expanse of saltwater that covers most of the Earth's surface

5. We choose transportation that has a smaller carbon _____.
 - n.* a mark of a foot, shoe, or animal's foot left on a surface

6. The _____ activity in this area creates a unique environment for marine creatures.
 - adj.* relating to hot water or steam, especially in the Earth's crust, and the thermal energy and chemical reactions that occur as a result

7. The phone rang at the most _____ time.
 - adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 1. extrapolation, 2. trawl, 3. extrapolates, 4. oceanic, 5. footprint, 6. hydrothermal, 7. opportune

8. Ocean _____ leads to a decrease in tiny sea snails.
n. the act or process of becoming acid or making something become acid
9. The two rivers _____ into one near this area.
v. to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet
10. During their camping trip, the kids were excited to go _____ hunting in the woods.
n. a small or unimportant creature or animal, often used in a familiar or affectionate way
11. The cashier scanned the _____ on the packaging to ring up the price.
n. a series of parallel lines of varying width and spacing printed on a product or package, which can be read by a barcode scanner to quickly and accurately identify the product and its price
12. The coast was lined with beds of _____ swaying in the tide.
n. a large brown seaweed that grows in cold coastal waters
13. This radar quickly _____ the position of the enemy.
v. to locate or identify the exact position in space or time of something
14. The restaurant served a delicious _____ steamed to perfection.
n. a marine crustacean with a hard, often brightly colored shell, a pair of large pincers, and a tail used for swimming
15. The _____ legends of King Arthur and the knights of the Round Table are popular literary motifs.
adj. relating to king Arthur and the tales and legends associated with him

ANSWERS: 8. acidification, 9. converge, 10. critter, 11. barcode, 12. kelp, 13. pinpoints, 14. lobster, 15. Arthurian

16. I made a _____ sandwich for lunch today.

n. a large fish of the mackerel family, found in warm seas; commonly used for commercial and sport fishing and as a food source for humans and other animals

17. The company's HR policy advocates for a _____ workplace where all employees are treated equally regardless of race.

adj. (of a person) unable to distinguish certain colors or used to describe a lack of racial or cultural bias

18. The _____ stars illuminated the night sky.

adj. emitting light or glowing softly, often without heat; having the ability to produce or emit light, especially through chemical reactions or by absorbing and then releasing energy

19. The fire left a layer of _____ on everything in the room.

n. a black, powdery substance that is produced by the incomplete burning of a material such as coal, wood, or oil and is often found on surfaces near the source of the fire

20. The book's content was so _____ only a select few scholars could fully understand it.

adj. intended for or likely to be understood by only a small number of people with specialized knowledge or interest

21. The _____ of insects is incredibly complex due to the huge number of species.

n. the classification or scientific study of organisms, including their relationships to each other, based on shared characteristics and traits; a system of organizing and categorizing information in a particular field or subject area

ANSWERS: 16. tuna, 17. colorblind, 18. luminescent, 19. soot, 20. esoteric, 21. taxonomy

22. The sheep _____ led his flock through the hills, keeping a watchful eye on them at all times.
- n.* a person who takes care of and manages a herd of livestock, such as cows, sheep, or goats
23. The deep sea is an _____ of mystery and discovery.
- n.* a deep, dark, or seemingly bottomless chasm or void
24. This ancient _____ was founded in the 13th century and had a long history of religious devotion.
- n.* a building or complex of buildings in which members of a male religious community, called monks, live and worship
25. _____ thrive on the surface of the human skin.
- n.* a tiny living thing that can only be seen with a microscope and that may cause disease
26. Marine _____ populations are declining worldwide due to ocean pollution.
- n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
27. We _____ him Ironman because of his toughness.
- v.* to give someone or something an unofficial name or nickname; to provide movies with a voice of a foreign language
28. Our system can now _____ with other databases.
- v.* to connect similar things
29. Flooding occurs along the city's _____ due to the storm surge.
- n.* a line that separates land and sea

ANSWERS: 22. herder, 23. abyss, 24. monastery, 25. Microbes, 26. mammal, 27. dubbed, 28. interconnect, 29. shoreline

30. The _____ of complaints from unhappy customers reminded us that we needed to improve our service.
- n.* a prolonged or repetitive recitation or listing of something, often with a negative connotation; a repetitive series or list of complaints, criticisms, or requests
31. 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
32. The physicist specializes in _____.
- n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound
33. 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
34. The lake is known for its _____ of various fish species.
- n.* an inhabitant or resident of a particular place; a person, animal, or plant that is frequently found or is characteristic of a particular region or environment
35. She was _____ from an old Italian noble family.
- v.* to move downward and lower; to come from, or to be connected by a relationship of blood
36. The desalination plant turned _____ into drinking water through a complex process.
- n.* water from the sea or ocean, typically containing salt and various other dissolved minerals

ANSWERS: 30. litany, 31. biosphere, 32. acoustics, 33. humming, 34. denizens, 35. descended, 36. seawater

37. There are many _____ regions of the ocean that scientists hope to study soon.
adj. not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered
38. The hiker _____ their dog to a tree while they camped for the night.
v. to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog
39. He was a _____ leader and could persuade others to follow his ideas.
adj. having a strong and magnetic personality that attracts and influences others
40. The _____ of Mexico is a body of water in the southern United States.
n. a large ocean inlet or deep bay that is partially enclosed by land
41. Children must be taught to _____ our natural environment.
v. to protect something, especially the natural environment or culture, from change, damage, or destruction
42. The leaders of the two countries met to _____ on the issue.
v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
43. The organization _____ the needs of the community in its decision-making.
v. to assign a higher level of importance to something compared to other things
44. I love eating fresh _____ with lemon and herbs.
n. a common name for various species of edible fish belonging to the family Gadidae, typically having elongated bodies and a flaky white flesh

ANSWERS: 37. unexplored, 38. tethered, 39. charismatic, 40. Gulf, 41. conserve, 42. confer, 43. prioritized, 44. codfish

45. I had delicious _____ for dinner last night.

- n.* a type of freshwater fish commonly farmed for food, native to Africa and the Middle East

46. That biologist _____ the mechanism of heredity.

- v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity

47. The friends met at the local pub every Friday to ____ about their week.

- v.* to talk at length, often without a particular purpose or direction; (noun) a long-haired bovine mammal native to central Asia that is often domesticated and used for its meat, milk, and wool

48. The suspect _____ capture for weeks before being caught by the police.

- v.* to escape or avoid capture or detection, often by being clever or cunning

49. She _____ the loss of her beloved cat.

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

50. Cold temperatures and long, dark winters characterize the _____ climate.

- adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold

51. It is terrific to camp in _____ nature.

- adj.* new and completely free from dirt or contamination

52. The _____ beauty of the sunset left us all in awe.

- adj.* inspiring amazement or admiration; extremely beautiful and impressive

ANSWERS: 45. tilapia, 46. illuminated, 47. yak, 48. eluded, 49. lamented, 50. arctic, 51. pristine, 52. wondrous

53. In _____ plants use carbon dioxide to feed themselves.
- n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
54. Many species have become _____ due to habitat destruction and other human activities.
- adj.* no longer in existence
55. The _____ research center is dedicated to studying the impacts of climate change on the ocean's ecosystem.
- n.* the scientific study of oceans and other bodies of saltwater, including their physical, chemical, and biological characteristics, as well as their interactions with the atmosphere and land
56. The supermarket had a large _____ section with all kinds of fresh produce.
- n.* the process of cooling or freezing something, especially food, to preserve it
57. After months of job searching, he felt _____ and unsure of his future.
- adj.* having no hope; despairing; having no chance of success
58. Finding a safe and _____ neighborhood is important when looking for a new place to live.
- adj.* capable of being lived in comfortably and sustainably; suitable for human habitation

ANSWERS: 53. photosynthesis, 54. extinct, 55. oceanography, 56. refrigeration, 57. hopeless, 58. livable