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Vocabulary Builder Reference from...

Bonnie Bassler: How bacteria "talk" | TED Talk

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

Advanced Words Only

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Session 1: Word List

microscopic

adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy

synonym : infinitesimal, tiny, atomic

(1) **microscopic** inquiry, (2) **microscopic** analysis

Inspectors noticed **microscopic** cracks in the submarine's hull.

trait

n. a particular feature of your nature

synonym : attribute, feature, quality

(1) chemical **trait**, (2) personality **traits**

Multiple genes may influence behavioral **traits** concurrently.

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.

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.

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.

asocial

adj. not interested in socializing or being with others; withdrawn from society or interactions with others

synonym: solitary, unsocial, reclusive

(1) **asocial** lifestyle, (2) **asocial** personality

The **asocial** behavior of the new employee made it difficult to form a cohesive team.

recluse

n. a person who lives in solitude and isolation

synonym: hermit, solitary, loner

(1) live as a **recluse**, (2) solitary **recluse**

After years in the limelight, the actor decided to retreat from the public eye and become a **recluse**.

vibrio

n. a type of bacterium that belongs to the genus *Vibrio* characterized by their comma-shaped or curved rod morphology

(1) **vibrio** cholerae, (2) **vibrio** infection

The **vibrio** bacteria can cause food poisoning if consumed.

flask

n. a container with a narrow neck and wide, flat body used for holding and carrying liquids

synonym: bottle, container, vial

(1) lab **flask**, (2) vacuum **flask**

The chemist poured the solution from the beaker into the **flask**.

bioluminescence

n. the production and emission of light by living creatures, such as glowworms, fireflies, etc.

(1) firefly **bioluminescence**, (2) **bioluminescence** of biological sample

Certain squids acquire symbiotic **bioluminescence** by feeding on specific microorganisms.

firefly

n. a flying nocturnal insect common in warm regions with a tail that shines in the dark

(1) the glow of a **firefly**, (2) sparkle like **firefly**

In that country, there is a culture of eating live **firefly** squid.

dilute

v. to make a substance less concentrated by adding a liquid or another substance to it

synonym: weaken, thin, reduce

(1) **dilute** acid with water, (2) **dilute** a great idea

She **diluted** the concentrated juice with water.

secrete

v. to produce and discharge a substance, such as a hormone or glandular secretion; to conceal or hide something

synonym: excrete, seep, discharge

(1) **secrete** mucus, (2) **secrete** enzymes

The glands in the body **secrete** hormones that regulate various bodily functions.

synchronize

v. to happen or cause to happen at the same time or rate

synonym: coordinate, accompany, harmonize

(1) **synchronize** movements, (2) **synchronize** our watches

The ball speed will increase when the lower body movements are perfectly **synchronized**.

bobtail

n. the shortened or docked tail of an animal, typically referring to dog breeds that have naturally short tails or ones that have been surgically shortened

synonym: tail, dock, stump

(1) **bobtail** cat, (2) **bobtail** lizard

The dog's **bobtail** wagged excitedly as it greeted its owner.

glowing

adj. highly enthusiastic; greatly praised

synonym : burning, bright, flaming

(1) **glowing** reviews, (2) **glowing** cheeks

The western sky was **glowing** pink.

lobe

n. a rounded projection or division, especially of the brain, lung, or liver

synonym : part, section, division

(1) **lobe** of the liver, (2) frontal **lobe**

The lungs are divided into five **lobes**.

shenanigan

n. a deceptive or mischievous act or behavior; a playful or mischievous trick; a prank or practical joke

synonym : trickery, mischief, prank

(1) innocent **shenanigans**, (2) playful **shenanigans**

The children's **shenanigans** in the playground resulted in a teacher's reprimand.

symbiosis

n. a close, prolonged association between two or more different species of organisms, typically to the advantage of all

synonym : cooperation, interdependence, mutualism

(1) industrial **symbiosis**, (2) **symbiosis** establishment

The **symbiosis** between the coral and the algae is an important example of mutualism.

nocturnal

adj. relating to or occurring in the night; active or awake during the night

synonym : nighttime, nightly, after-dark

(1) **nocturnal** insects, (2) **nocturnal** habits

Nocturnal animals, such as owls and bats, are active at night.

bury

v. to place a dead body in the ground, grave, or tomb

synonym : entomb, sink, forget

(1) **bury** in the earth, (2) **bury** emotion

There is plenty of space to **bury** everyone.

starlight

n. the light emitted or reflected by stars, often observed in the night sky; the radiant energy emitted by stars

synonym: twinkle, starshine, stardust

(1) **starlight** sky, (2) romantic **starlight**

The romantic couple had a picnic under the **starlight**.

moonlight

n. the light of the moon, which is reflected sunlight and is much weaker than direct sunlight; (verb) to work at a second job, often in addition to one's regular employment, usually without the knowledge or approval of one's employer

synonym: moonshine, moonbeam, moon glow

(1) **moonlight** as a bartender, (2) **moonlight** serenade

The garden looked magical in the **moonlight**, with the flowers and trees casting eerie shadows.

penetrate

v. to pass into or through something, often by overcoming resistance

synonym: pierce, stab, go through

(1) **penetrate** a cell, (2) **penetrate** quickly into the skin

Western ideology slowly **penetrates** through the eastern countries.

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.

predator

n. an animal whose natural behavior is to prey on others

synonym: vulture, bloodsucker

(1) apex **predator**, (2) sexual **predators**

The native South American animals were in danger because of the **predator's** arrival.

trajectory

n. the curved path followed by an object moving through space

synonym: course, curve, orbit

(1) career **trajectory**, (2) a **trajectory** missile

The company has shown an excellent growth **trajectory** over the years.

stealth

n. the quality of remaining hidden or undetected; the ability to move or act with great secrecy and subtlety

synonym: sneakiness, secrecy, furtiveness

(1) **stealth** technology, (2) **stealth** bomber

The thief moved with **stealth**, careful not to make any noise and alert anyone to his presence.

circadian

adj. relating to a physiological cycle that lasts approximately 24 hours, impacting physical and behavioral changes that occur over the course of a day, such as sleep-wake cycles or fluctuations in hormones

synonym: daily, diurnal, day-to-day

(1) **circadian** clock, (2) **circadian** disruption

Having a consistent sleep schedule is important for maintaining a healthy **circadian** rhythm.

anomaly

n. something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand

synonym: abnormality, irregularity, deviation

(1) **anomaly** detection, (2) global temperature **anomaly**

The sudden drop in the stock market was an **anomaly** that puzzled many investors.

unison

n. occurring or corresponding together, simultaneously, or exactly; (music) two or more sounds or tones at the same pitch or in octaves

synonym: harmony, accord, unanimity

(1) singing in **unison**, (2) clap the hands in **unison**

They saluted in **unison** to the captain.

quorum

n. the minimum number of people required to be present at a meeting to conduct official business or make decisions; the number of individuals necessary for an organized group to function

synonym : minimum number, required number, majority

(1) small **quorum**, (2) required **quorum**

The board meeting can only proceed with a **quorum** of at least six members.

virulence

n. the degree or intensity of a pathogen's ability to cause disease or harm; the strength or power of a negative attribute or quality

synonym : intensity, fierceness, acuteness

(1) aggressive **virulence**, (2) infectious **virulence**

The **virulence** of the disease caused widespread concern among the population.

toxin

n. a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

synonym : poison, venom, contaminant

(1) **toxin** exposure, (2) **toxin** production

Mold exposure can release dangerous **toxins** into the air.

pathogen

n. a bacterium, virus, or other microorganism that causes disease

synonym : germ, microbe, bacterium

(1) plant **pathogen**, (2) the **pathogen** in the air

mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

smattering

n. a small, superficial, or limited amount of knowledge of something; a slight or incomplete understanding or familiarity with a subject or topic

synonym : sprinkling, scattering, handful

(1) a **smattering** of applause, (2) **smattering** of rain

I only have a **smattering** of knowledge on the subject, so I can only provide a little insight.

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.

interspecies

adj. occurring between or involving different species; pertaining to interactions between different species

synonym: interbreeding, crossbreeding, mixed

(1) **interspecies** interaction, (2) **interspecies** communication

There are many cases of **interspecies** cooperation in the animal kingdom.

sibling

n. a brother or sister; member of a family born to the same parents

synonym: brother, sister, relative

(1) have a **sibling** quarrel, (2) play with my **siblings**

Children often copy their parents or elder **siblings**.

depict

v. to illustrate someone or something in a photograph

synonym: illustrate, describe, express

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

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

micrograph

n. a photograph or image that has been taken through a microscope or magnifying lens, typically used for scientific or medical purposes

synonym: microphotograph

(1) **micrograph** image, (2) high-resolution **micrograph**

The **micrograph** of the cell shows detailed structures that the naked eye cannot see.

multilingual

adj. skilled in or using multiple languages; involving or relating to multiple languages or language groups

synonym : polyglot

(1) **multilingual** education, (2) **multilingual** staff

My friend is **multilingual**, speaking five different languages fluently.

replicate

v. to make an exact copy of something; to repeat a process or experiment to confirm the results

synonym : duplicate, imitate, reproduce

(1) **replicate** the cell, (2) **replicate** data

The experiment was **replicated** several times to ensure accuracy.

antagonist

n. a person, group, or force that opposes or works against the protagonist, or the main character, in a story or drama; a person or thing that is in direct opposition or conflict with another person or group

synonym : opponent, rival, adversary

(1) arch-nemesis **antagonist**, (2) literary **antagonist**

The **antagonist** in the movie is a corrupt government official who obstructed the protagonist's mission.

virulent

adj. extremely harmful or poisonous, especially in a physical or biological sense; highly infectious or contagious; intensely bitter or hostile

synonym : poisonous, venomous, toxic

(1) **virulent** disease, (2) **virulent** criticism

The **virulent** virus spread rapidly through the close-knit community.

lexicon

n. all the words and phrases of a particular language or branch of knowledge, such as nautical or medical

synonym : glossary, dictionary, vocabulary

(1) Greek-English **lexicon**, (2) **lexicon** of business phrases

This bilingual **lexicon** was essential for his language improvement.

multicellular

adj. characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

synonym : multicedled, many-celled, complex

(1) **multicellular** tissues, (2) **multicellular** life

Multicellular organisms are composed of many specialized cells working together.

decibel

n. (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale

synonym : dB, sound level, volume

(1) **decibel** level, (2) adjust the **decibel**

The concert reached 100 **decibels**, causing many people to cover their ears.

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.

reiterate

v. to repeat something, typically for emphasis or clarity; to say or do something again and again

synonym : repeat, iterate, restate

(1) **reiterate** a point, (2) **reiterate** their commitment

I need to **reiterate** the importance of submitting your report by the deadline.

miraculous

adj. very effective or lucky, or completely unexpected

synonym : amazing, astonishing, awesome

(1) a **miraculous** encounter, (2) go through a **miraculous** change

He made a **miraculous** recovery.

Session 2: Spelling

1. bo____l cat *n.* the shortened or docked tail of an animal, typically referring to dog breeds that have naturally short tails or ones that have been surgically shortened

2. sy_____is establishment *n.* a close, prolonged association between two or more different species of organisms, typically to the advantage of all

3. vacuum fl__k *n.* a container with a narrow neck and wide, flat body used for holding and carrying liquids

4. se_____e mucus *v.* to produce and discharge a substance, such as a hormone or glandular secretion; to conceal or hide something

5. literary ant_____st *n.* a person, group, or force that opposes or works against the protagonist, or the main character, in a story or drama; a person or thing that is in direct opposition or conflict with another person or group

6. mo_____ht as a bartender *n.* the light of the moon, which is reflected sunlight and is much weaker than direct sunlight; (verb) to work at a second job, often in addition to one's regular employment, usually without the knowledge or approval of one's employer

ANSWERS: 1. bobtail, 2. symbiosis, 3. flask, 4. secrete, 5. antagonist, 6. moonlight

7. gl_____g reviews *adj.* highly enthusiastic; greatly praised
8. chemical tr__t *n.* a particular feature of your nature
9. as_____l lifestyle *adj.* not interested in socializing or being with others; withdrawn from society or interactions with others
10. ill_____te my understanding *v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
11. arch-nemesis ant_____st *n.* a person, group, or force that opposes or works against the protagonist, or the main character, in a story or drama; a person or thing that is in direct opposition or conflict with another person or group
12. vi_____nt disease *adj.* extremely harmful or poisonous, especially in a physical or biological sense; highly infectious or contagious; intensely bitter or hostile
13. re_____te a point *v.* to repeat something, typically for emphasis or clarity; to say or do something again and again
14. 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
15. mic_____ic analysis *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy

ANSWERS: 7. glowing, 8. trait, 9. asocial, 10. illuminate, 11. antagonist, 12. virulent, 13. reiterate, 14. whistle, 15. microscopic

16. mul_____ual staff *adj.* skilled in or using multiple languages; involving or relating to multiple languages or language groups
17. re_____te data *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
18. sexual pr_____ors *n.* an animal whose natural behavior is to prey on others
19. bio_____nce of biological sample *n.* the production and emission of light by living creatures, such as glowworms, fireflies, etc.
20. 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
21. innocent she_____ans *n.* a deceptive or mischievous act or behavior; a playful or mischievous trick; a prank or practical joke
22. b__y emotion *v.* to place a dead body in the ground, grave, or tomb
23. hu_____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
24. apex pr_____or *n.* an animal whose natural behavior is to prey on others
25. int_____ies interaction *adj.* occurring between or involving different species; pertaining to interactions between different species

ANSWERS: 16. multilingual, 17. replicate, 18. predator, 19. bioluminescence, 20. whistle, 21. shenanigan, 22. bury, 23. humming, 24. predator, 25. interspecies

26. de___t a scene *v.* to illustrate someone or something in a photograph
27. a mir_____us encounter *adj.* very effective or lucky, or completely unexpected
28. de_____l level *n.* (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale
29. no_____al habits *adj.* relating to or occurring in the night; active or awake during the night
30. singing in un___n *n.* occurring or corresponding together, simultaneously, or exactly; (music) two or more sounds or tones at the same pitch or in octaves
31. an_____y detection *n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand
32. pe_____te a cell *v.* to pass into or through something, often by overcoming resistance
33. a tra_____ry missile *n.* the curved path followed by an object moving through space
34. b__y in the earth *v.* to place a dead body in the ground, grave, or tomb
35. ci_____an clock *adj.* relating to a physiological cycle that lasts approximately 24 hours, impacting physical and behavioral changes that occur over the course of a day, such as sleep-wake cycles or fluctuations in hormones

ANSWERS: 26. depict, 27. miraculous, 28. decibel, 29. nocturnal, 30. unison, 31. anomaly, 32. penetrate, 33. trajectory, 34. bury, 35. circadian

36. st_____ht sky *n.* the light emitted or reflected by stars, often observed in the night sky; the radiant energy emitted by stars
37. le_____n of business phrases *n.* all the words and phrases of a particular language or branch of knowledge, such as nautical or medical
38. the glow of a fi_____y *n.* a flying nocturnal insect common in warm regions with a tail that shines in the dark
39. mi_____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
40. co____r degree *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
41. bo_____l lizard *n.* the shortened or docked tail of an animal, typically referring to dog breeds that have naturally short tails or ones that have been surgically shortened
42. live as a re_____e *n.* a person who lives in solitude and isolation
43. st_____h bomber *n.* the quality of remaining hidden or undetected; the ability to move or act with great secrecy and subtlety
44. re_____te their commitment *v.* to repeat something, typically for emphasis or clarity; to say or do something again and again
45. high-resolution mic_____ph *n.* a photograph or image that has been taken through a microscope or magnifying lens, typically used for scientific or medical purposes

ANSWERS: 36. starlight, 37. lexicon, 38. firefly, 39. microbe, 40. confer, 41. bobtail, 42. recluse, 43. stealth, 44. reiterate, 45. micrograph

46. romantic st_____ht *n.* the light emitted or reflected by stars, often observed in the night sky; the radiant energy emitted by stars
47. co____r honor *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
48. st_____h technology *n.* the quality of remaining hidden or undetected; the ability to move or act with great secrecy and subtlety
49. int_____ies communication *adj.* occurring between or involving different species; pertaining to interactions between different species
50. a sma_____ng of applause *n.* a small, superficial, or limited amount of knowledge of something; a slight or incomplete understanding or familiarity with a subject or topic
51. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
52. cute cr_____r *n.* a small or unimportant creature or animal, often used in a familiar or affectionate way
53. vi____o cholerae *n.* a type of bacterium that belongs to the genus *Vibrio* characterized by their comma-shaped or curved rod morphology
54. to__n exposure *n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

ANSWERS: 46. starlight, 47. confer, 48. stealth, 49. interspecies, 50. smattering, 51. humming, 52. critter, 53. vibrio, 54. toxin

55. vi_____nt criticism *adj.* extremely harmful or poisonous, especially in a physical or biological sense; highly infectious or contagious; intensely bitter or hostile
56. ci_____an disruption *adj.* relating to a physiological cycle that lasts approximately 24 hours, impacting physical and behavioral changes that occur over the course of a day, such as sleep-wake cycles or fluctuations in hormones
57. required qu____m *n.* the minimum number of people required to be present at a meeting to conduct official business or make decisions; the number of individuals necessary for an organized group to function
58. mic_____ph image *n.* a photograph or image that has been taken through a microscope or magnifying lens, typically used for scientific or medical purposes
59. global temperature an____y *n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand
60. sma_____ng of rain *n.* a small, superficial, or limited amount of knowledge of something; a slight or incomplete understanding or familiarity with a subject or topic
61. pe_____te quickly into the skin *v.* to pass into or through something, often by overcoming resistance
62. gl_____g cheeks *adj.* highly enthusiastic; greatly praised

ANSWERS: 55. virulent, 56. circadian, 57. quorum, 58. micrograph, 59. anomaly, 60. smattering, 61. penetrate, 62. glowing

63. lab fl__k *n.* a container with a narrow neck and wide, flat body used for holding and carrying liquids
64. mul_____lar tissues *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
65. l__e of the liver *n.* a rounded projection or division, especially of the brain, lung, or liver
66. plant pa_____en *n.* a bacterium, virus, or other microorganism that causes disease
67. mul_____lar life *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
68. ill_____te a dark hall *v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
69. vi___o infection *n.* a type of bacterium that belongs to the genus *Vibrio* characterized by their comma-shaped or curved rod morphology
70. playful she_____ans *n.* a deceptive or mischievous act or behavior; a playful or mischievous trick; a prank or practical joke
71. syn_____ze our watches *v.* to happen or cause to happen at the same time or rate
72. di___e acid with water *v.* to make a substance less concentrated by adding a liquid or another substance to it
73. career tra_____ry *n.* the curved path followed by an object moving through space

ANSWERS: 63. flask, 64. multicellular, 65. lobe, 66. pathogen, 67. multicellular, 68. illuminate, 69. vibrio, 70. shenanigan, 71. synchronize, 72. dilute, 73. trajectory

74. re_____te the cell
v. to make an exact copy of something; to repeat a process or experiment to confirm the results
75. have a si_____g quarrel
n. a brother or sister; member of a family born to the same parents
76. adjust the de_____l
n. (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale
77. solitary re_____e
n. a person who lives in solitude and isolation
78. industrial sy_____is
n. a close, prolonged association between two or more different species of organisms, typically to the advantage of all
79. mul_____ual education
adj. skilled in or using multiple languages; involving or relating to multiple languages or language groups
80. di_____e a great idea
v. to make a substance less concentrated by adding a liquid or another substance to it
81. frontal l_____e
n. a rounded projection or division, especially of the brain, lung, or liver
82. Greek-English le_____n
n. all the words and phrases of a particular language or branch of knowledge, such as nautical or medical
83. no_____al insects
adj. relating to or occurring in the night; active or awake during the night
84. syn_____ze movements
v. to happen or cause to happen at the same time or rate

ANSWERS: 74. replicate, 75. sibling, 76. decibel, 77. recluse, 78. symbiosis, 79. multilingual, 80. dilute, 81. lobe, 82. lexicon, 83. nocturnal, 84. synchronize

85. personality tr__ts *n.* a particular feature of your nature
86. aggressive vi_____ce *n.* the degree or intensity of a pathogen's ability to cause disease or harm; the strength or power of a negative attribute or quality
87. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
88. infectious vi_____ce *n.* the degree or intensity of a pathogen's ability to cause disease or harm; the strength or power of a negative attribute or quality
89. mic_____ic inquiry *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
90. the pa_____en in the air *n.* a bacterium, virus, or other microorganism that causes disease
91. as_____l personality *adj.* not interested in socializing or being with others; withdrawn from society or interactions with others
92. play with my si_____gs *n.* a brother or sister; member of a family born to the same parents
93. sparkle like fi_____y *n.* a flying nocturnal insect common in warm regions with a tail that shines in the dark
94. to__n production *n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

ANSWERS: 85. trait, 86. virulence, 87. microbe, 88. virulence, 89. microscopic, 90. pathogen, 91. asocial, 92. sibling, 93. firefly, 94. toxin

95. mo_____ht serenade *n.* the light of the moon, which is reflected sunlight and is much weaker than direct sunlight; (verb) to work at a second job, often in addition to one's regular employment, usually without the knowledge or approval of one's employer
96. small qu___m *n.* the minimum number of people required to be present at a meeting to conduct official business or make decisions; the number of individuals necessary for an organized group to function
97. se_____e enzymes *v.* to produce and discharge a substance, such as a hormone or glandular secretion; to conceal or hide something
98. wild cr_____r *n.* a small or unimportant creature or animal, often used in a familiar or affectionate way
99. firefly bio_____nce *n.* the production and emission of light by living creatures, such as glowworms, fireflies, etc.
100. clap the hands in un___n *n.* occurring or corresponding together, simultaneously, or exactly; (music) two or more sounds or tones at the same pitch or in octaves
101. de___t a feeling of isolation *v.* to illustrate someone or something in a photograph
102. go through a mir_____us change *adj.* very effective or lucky, or completely unexpected

ANSWERS: 95. moonlight, 96. quorum, 97. secrete, 98. critter, 99. bioluminescence, 100. unison, 101. depict, 102. miraculous

Session 3: Fill in the Blanks

1. The thief moved with _____ careful not to make any noise and alert anyone to his presence.
 - n.* the quality of remaining hidden or undetected; the ability to move or act with great secrecy and subtlety

2. The children's _____ in the playground resulted in a teacher's reprimand.
 - n.* a deceptive or mischievous act or behavior; a playful or mischievous trick; a prank or practical joke

3. The lungs are divided into five _____.
 - n.* a rounded projection or division, especially of the brain, lung, or liver

4. _____ 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

5. The sudden drop in the stock market was an _____ that puzzled many investors.
 - n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand

6. _____ organisms are composed of many specialized cells working together.
 - adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

7. The company has shown an excellent growth _____ over the years.
 - n.* the curved path followed by an object moving through space

ANSWERS: 1. stealth, 2. shenanigans, 3. lobes, 4. Microbes, 5. anomaly, 6. Multicellular, 7. trajectory

8. My friend is _____ speaking five different languages fluently.
adj. skilled in or using multiple languages; involving or relating to multiple languages or language groups
9. Children often copy their parents or elder _____.
n. a brother or sister; member of a family born to the same parents
10. I need to _____ the importance of submitting your report by the deadline.
v. to repeat something, typically for emphasis or clarity; to say or do something again and again
11. The _____ in the movie is a corrupt government official who obstructed the protagonist's mission.
n. a person, group, or force that opposes or works against the protagonist, or the main character, in a story or drama; a person or thing that is in direct opposition or conflict with another person or group
12. The board meeting can only proceed with a _____ of at least six members.
n. the minimum number of people required to be present at a meeting to conduct official business or make decisions; the number of individuals necessary for an organized group to function
13. The ball speed will increase when the lower body movements are perfectly _____.
v. to happen or cause to happen at the same time or rate
14. The dog's _____ wagged excitedly as it greeted its owner.
n. the shortened or docked tail of an animal, typically referring to dog breeds that have naturally short tails or ones that have been surgically shortened

ANSWERS: 8. multilingual, 9. siblings, 10. reiterate, 11. antagonist, 12. quorum, 13. synchronized, 14. bobtail

15. In that country, there is a culture of eating live _____ squid.
- n.* a flying nocturnal insect common in warm regions with a tail that shines in the dark
16. The garden looked magical in the _____ with the flowers and trees casting eerie shadows.
- n.* the light of the moon, which is reflected sunlight and is much weaker than direct sunlight; (verb) to work at a second job, often in addition to one's regular employment, usually without the knowledge or approval of one's employer
17. Multiple genes may influence behavioral _____ concurrently.
- n.* a particular feature of your nature
18. mRNA vaccines are approved faster because they do not contain inactivated _____.
- n.* a bacterium, virus, or other microorganism that causes disease
19. The _____ of the cell shows detailed structures that the naked eye cannot see.
- n.* a photograph or image that has been taken through a microscope or magnifying lens, typically used for scientific or medical purposes
20. The native South American animals were in danger because of the _____ arrival.
- n.* an animal whose natural behavior is to prey on others
21. Inspectors noticed _____ cracks in the submarine's hull.
- adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
22. Having a consistent sleep schedule is important for maintaining a healthy _____ rhythm.
- adj.* relating to a physiological cycle that lasts approximately 24 hours, impacting physical and behavioral changes that occur over the course of a day, such as sleep-wake cycles or fluctuations in hormones

ANSWERS: 15. firefly, 16. moonlight, 17. traits, 18. pathogens, 19. micrograph, 20.

predator's, 21. microscopic, 22. circadian

23. The western sky was _____ pink.

adj. highly enthusiastic; greatly praised

24. Western ideology slowly _____ through the eastern countries.

v. to pass into or through something, often by overcoming resistance

25. _____ animals, such as owls and bats, are active at night.

adj. relating to or occurring in the night; active or awake during the night

26. Mold exposure can release dangerous _____ into the air.

n. a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

27. 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

28. She _____ the concentrated juice with water.

v. to make a substance less concentrated by adding a liquid or another substance to it

29. He made a _____ recovery.

adj. very effective or lucky, or completely unexpected

30. This bilingual _____ was essential for his language improvement.

n. all the words and phrases of a particular language or branch of knowledge, such as nautical or medical

ANSWERS: 23. glowing, 24. penetrates, 25. Nocturnal, 26. toxins, 27. illuminated, 28. diluted, 29. miraculous, 30. lexicon

31. The _____ between the coral and the algae is an important example of mutualism.
- n.* a close, prolonged association between two or more different species of organisms, typically to the advantage of all
32. The concert reached 100 _____ causing many people to cover their ears.
- n.* (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale
33. The _____ bacteria can cause food poisoning if consumed.
- n.* a type of bacterium that belongs to the genus *Vibrio* characterized by their comma-shaped or curved rod morphology
34. The glands in the body _____ hormones that regulate various bodily functions.
- v.* to produce and discharge a substance, such as a hormone or glandular secretion; to conceal or hide something
35. 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
36. There is plenty of space to _____ everyone.
- v.* to place a dead body in the ground, grave, or tomb
37. 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

ANSWERS: 31. symbiosis, 32. decibels, 33. vibrio, 34. secrete, 35. whistle-blow, 36. bury, 37. critter

38. 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
39. The _____ behavior of the new employee made it difficult to form a cohesive team.
- adj.* not interested in socializing or being with others; withdrawn from society or interactions with others
40. The _____ of the disease caused widespread concern among the population.
- n.* the degree or intensity of a pathogen's ability to cause disease or harm; the strength or power of a negative attribute or quality
41. The romantic couple had a picnic under the _____.
- n.* the light emitted or reflected by stars, often observed in the night sky; the radiant energy emitted by stars
42. Certain squids acquire symbiotic _____ by feeding on specific microorganisms.
- n.* the production and emission of light by living creatures, such as glowworms, fireflies, etc.
43. The _____ virus spread rapidly through the close-knit community.
- adj.* extremely harmful or poisonous, especially in a physical or biological sense; highly infectious or contagious; intensely bitter or hostile
44. After years in the limelight, the actor decided to retreat from the public eye and become a _____.
- n.* a person who lives in solitude and isolation

ANSWERS: 38. confer, 39. asocial, 40. virulence, 41. starlight, 42. bioluminescence, 43. virulent, 44. recluse

45. I only have a _____ of knowledge on the subject, so I can only provide a little insight.
- n.* a small, superficial, or limited amount of knowledge of something; a slight or incomplete understanding or familiarity with a subject or topic
46. The chemist poured the solution from the beaker into the _____.
- n.* a container with a narrow neck and wide, flat body used for holding and carrying liquids
47. There are many cases of _____ cooperation in the animal kingdom.
- adj.* occurring between or involving different species; pertaining to interactions between different species
48. They saluted in _____ to the captain.
- n.* occurring or corresponding together, simultaneously, or exactly; (music) two or more sounds or tones at the same pitch or in octaves
49. His son had accurately _____ the bloom.
- v.* to illustrate someone or something in a photograph
50. The experiment was _____ several times to ensure accuracy.
- v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
51. 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

ANSWERS: 45. smattering, 46. flask, 47. interspecies, 48. unison, 49. depicted, 50. replicated, 51. humming