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Vocabulary Builder Reference from...

Jaap de Roode: How butterflies self-medicate | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

infectious

adj. able to be passed quickly from one person, animal, or plant to another, especially through air or water

synonym: contagious, epidemic, transmittable

(1) an **infectious** fever, (2) person's smile is **infectious**

Leprosy is an indolent **infectious** disease.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

synonym: illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

suffer

v. to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant

synonym: endure, undergo, tolerate

(1) **suffer** a setback, (2) **suffer** bad grades

The older man **suffers** from arthritis and finds it difficult to move around.

malaria

n. a severe disease caused by a parasite that is spread by the bite of an infected mosquito

(1) **malaria** mosquitoes, (2) **malaria-endemic** area
Many people in tropical countries die from **malaria** every year.

statistics

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

(1) **statistics** for cancer, (2) official **statistics**

The **statistics** demonstrate that poverty and unemployment are genuine problems.

influenza

n. (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

synonym : grippe, flu

(1) an epidemic outbreak of **influenza**, (2) **influenza B** strain

The research institute allocated a lot of money to study the cause and prevention of **influenza**.

creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym : imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

vaccine

n. a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)

synonym : vaccinum

(1) development of **vaccines**, (2) an oral **vaccine**

The mRNA **vaccine** was approved in less than a year because it did not contain the fragments of the target virus.

conscious

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

synonym : aware, cognizant, deliberate

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

medical

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

synonym: health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

chimpanzee

n. a small, very intelligent ape found in west and central Africa with black or brown fur

synonym: ape, chimp, pan troglodytes

(1) **chimpanzee** behavior, (2) **chimpanzee** society

Many zoos have **chimpanzee** exhibits, allowing visitors to observe these intelligent primates up close.

intestinal

adj. relating to the intestines (= the part of the alimentary canal between the stomach and the anus) or bowel; located or occurring within the intestines or bowel

synonym: enteric, gut, digestive

(1) **intestinal** blockage, (2) **intestinal** bacteria

The patient experienced severe abdominal pain due to an **intestinal** infection.

parasite

n. an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

synonym: hitchhiker, leech, saprophyte

(1) blood-sucking **parasite**, (2) **parasite** disease

Tapeworms are **parasites** that live in the intestines of humans and animals.

porcupine

n. a large, slow-moving, spiny mammal that is covered in sharp quills and is native to Asia, Africa, and certain parts of the Americas

synonym: hedgehog, echidna, spiny mammal

(1) **porcupine** movement, (2) **porcupine** habitat

The quills on a **porcupine's** back are used for defense.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

insect

n. any small creature that has six legs and a body divided into three sections

(1) **insect** antenna, (2) **insect** biology

These **insects** are more prevalent above a certain latitude.

brain

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

synonym: intellect, mind, encephalon

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

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

medication

n. a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease

synonym: cure, drug, medicine

(1) antibiotic **medication**, (2) **medication** by mouth

The pharmacist not only prescribes the **medication** but also guides its proper use.

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**.

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.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym : evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

biology

n. the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

monarch

n. a person who rules a country, such as a king or queen

synonym : ruler, sovereign, majesty

(1) an absolute **monarch**, (2) **monarch** butterflies

She came from a commoner background but eventually became the **monarch** of that country.

butterfly

n. a diurnal insect typically has a slender body with knobbed antennae and broad, colorful wings

(1) **butterfly** effect, (2) the life cycle of a **butterfly**

He enjoys collecting **butterfly** specimens.

spectacular

adj. striking or impressive to look at or in performance or achievement

synonym : breathtaking, impressive, grand

(1) **spectacular** view, (2) achieve **spectacular** growth

The **spectacular** fireworks display was the highlight of the

festival.

migration

n. the movement of animals to a new location, frequently as the seasons change

synonym: exodus

(1) the **migration** of birds, (2) overseas **migration**

There was a **migration** of impoverished farmers into the towns.

infect

v. to affect a person, an animal, or a plant with a disease-causing organism

synonym: pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

spore

n. a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae

synonym: seed, reproductive cell, particle

(1) anthrax **spore**, (2) **spore** reproduction

Bacteria and some algae also produce **spores** as a means of survival and dispersal, and they are often found in soil, water, and other environments.

speck

n. a very small spot, piece, or amount

synonym: blot, dot, mark

(1) a **speck** of dust, (2) **speck** of suspicion

The plane was just a **speck** in the sky.

detrimental

adj. causing harm or damage

synonym: harmful, damaging, injurious

(1) **detrimental** eating habits, (2) **detrimental** to good health

The new policy had a **detrimental** impact on small businesses.

lifespan

n. the length of time for which a person, animal lives, or thing exists

synonym: duration, lifetime, continuance

(1) **lifespan** extension, (2) **lifespan** retrieval curve

Generally speaking, men have a shorter **lifespan** than women.

greenhouse

n. a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

synonym: conservatory

(1) exotic plants in a **greenhouse**, (2) emissions of **greenhouse** gases

The **greenhouse** effect is a phenomenon that happens naturally.

picky

adj. overly particular or selective, especially about food or other consumable goods; difficult to please or satisfy because of one's specific tastes or preferences

synonym: fussy, choosy, particular

(1) **picky** personality, (2) **picky** about details

My **picky** eater only likes to eat certain types of vegetables.

weed

n. a wild plant growing where it is not wanted and in competition with cultivated plants

synonym: plant, grass, shrub

(1) pull up a **weed**, (2) **weed** management

The garden was full of **weeds** that needed to be pulled.

larva

n. the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

synonym: caterpillar, grub, maggot

(1) **larva** of a butterfly, (2) a moth **larva**

The butterfly emerged from its **larva** stage.

chemical

adj. relating to or connected with chemistry;

synonym: chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound
The firm has grown into a large **chemical** manufacturing.

toxic

adj. of or relating to or caused by a poison; poisonous
synonym: poisonous, harmful, contaminated

(1) **toxic** molecule, (2) exposure to **toxic** chemicals
This chemical compound is a thousand-fold more **toxic**.

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.

advertise

v. to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it

synonym: publicize, announce, promote

(1) **advertise** the campaign, (2) **advertise** on social media
We want to **advertise** our company through your media.

warn

v. to make someone aware of potential danger or difficulty, particularly one that may occur in the future

synonym: alert, caution, admonish

(1) **warn** a reckless driver, (2) **warned** me of the plan
I attempted to **warn** him, but he ignored me.

concentration

n. the ability to focus all your time and energy on one thing without thinking about anything else.

synonym: attention, engagement, assiduity

(1) **concentration** of armaments, (2) his research area of **concentration**

This exam requires excellent **concentration** to pass.

medicinal

adj. of or relating to the treatment or cure of disease

synonym: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**
The **medicinal** properties of this herb have been known to help with various ailments.

symptom

n. any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

synonym: sign, manifestation, syndrome

(1) **symptoms** of low testosterone, (2) neurotic **symptoms**
The patient displays a **symptom** of a side effect.

crazy

adj. stupid or not sensible; very angry

synonym: insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme
The rain and thunder are **crazy** today.

experiment

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

synonym: experimentation, investigation

(1) **experiment** design, (2) series of **experiments**
His **experiments** showed highly positive results.

caterpillar

n. the wormlike larva of a butterfly or moth

synonym: larva, grub, worm

(1) **caterpillar** of a butterfly, (2) **caterpillar** in a cocoon
The wooly bear **caterpillar** munched on leaves all day.

lifetime

n. the duration of someone's life or something's existence;

synonym: lifespan, duration

(1) **lifetime** benefits, (2) **lifetime** ban from the sport
She had lived through two world wars in her **lifetime**.

boring

adj. lacking interest or excitement; tedious or dull

synonym: dull, tedious, monotonous

(1) **boring** work, (2) **boring** day

The lecture was so **boring** that many people fell asleep.

welfare

n. the general health, happiness, and prosperous of a person or group

synonym : well-being, benefit, health

(1) child **welfare**, (2) a **welfare** state

She struggled for years to survive without **welfare**.

offspring

n. descendant; any immature animal or plant

synonym : children, descendants, heirs

(1) female **offspring**, (2) produce **offspring**

How many **offspring** does the average lion have?

cage

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

synonym : enclosure, jail, corral

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

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

prefer

v. to like, choose, or want one thing or person better than another

synonym : choose, like, favor

(1) **prefer** physics to chemistry, (2) **prefer** a window seat

The birds **prefer** open water areas with reeds around them.

intriguing

adj. arousing curiosity or interest, often due to a mysterious or complex quality; fascinating or captivating

synonym : fascinating, captivating, arresting

(1) **intriguing** concept, (2) **intriguing** character

The novel's plot was **intriguing** and kept readers in their seats.

transmit

v. to send or forward an electronic signal; to pass something from one person or thing to another

synonym : convey, share, dispatch

(1) **transmit** the disease, (2) **transmit** information

Parents often **transmit** their characteristics to their children.

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**.

indigenous

adj. someone or something that is native to or occurring naturally in a particular place
synonym : domestic, endemic, primitive

(1) **indigenous** crop, (2) **indigenous** peoples
The **indigenous** plants need to be pollinated by local insects.

tradition

n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
synonym : custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**
It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

heal

v. to make a wound or injury to become well again
synonym : recover, bring around, mend

(1) **heal** a broken bone, (2) **heal** the hurt mind
It will take time for her mental scars to **heal**.

stomach

n. the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
synonym : belly, abdomen, gut

(1) upset **stomach**, (2) **stomach** virus
I have a **stomach** ache after overeating junk food.

upset

adj. causing or marked by anxiety, uneasiness, trouble, or grief; (verb) to make someone anxious, unhappy, or angry
synonym : disturbed, bothered, resentful

(1) get **upset**, (2) have an **upset** stomach

He was awfully **upset** by the news.

bloody

adj. covered in or smeared with blood; involving or characterized by bloodshed or brutality

synonym : gory, gruesome, savage

(1) **bloody** massacre, (2) **bloody** diarrhea

The crime scene was **bloody** and gruesome.

diarrhea

n. a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications

synonym : looseness, gastroenteritis, dysentery

(1) **diarrhea-related** dehydration, (2) **diarrhea** with abdominal pain

I had a terrible case of **diarrhea** and couldn't stop going to the bathroom.

creditor

n. a person, company, etc. to whom a debtor owes money

(1) the **creditor's** claims, (2) bankrupt **creditor**

I asked the lawyer to initiate **creditor** negotiations for voluntary liquidation.

avenue

n. a wide road in a town or city, especially with trees or tall buildings on both sides; a line of approach

synonym : artery, roadway, street

(1) an **avenue** of poplars, (2) an **avenue** to success

They explored every **avenue** they could think of.

amazing

adj. extremely surprising, especially in a way that you like or admire

synonym : exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

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.

pursue

v. to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them

synonym : seek, hunt, chase

(1) **pursue** a goal, (2) **pursue** freedoms

She intends to **pursue** a political career.

Session 2: Spelling

1. di____ea-related dehydration *n.* a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications
2. co_____us of having succeeded *adj.* being aware of and able to respond to what is happening around you
3. pi__y about details *adj.* overly particular or selective, especially about food or other consumable goods; difficult to please or satisfy because of one's specific tastes or preferences
4. neurotic sy_____ms *n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
5. w__n a reckless driver *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
6. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
7. blood-sucking pa_____te *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
8. cat_____ar in a cocoon *n.* the wormlike larva of a butterfly or moth
9. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 1. diarrhea, 2. conscious, 3. picky, 4. symptom, 5. warn, 6. biology, 7. parasite, 8. caterpillar, 9. discovery

10. apex pr____or
n. an animal whose natural behavior is to prey on others
11. anthrax sp__e
n. a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae
12. ind_____us peoples
adj. someone or something that is native to or occurring naturally in a particular place
13. ev___e over the past decade
v. to develop gradually, or to cause the development of something or someone gradually
14. barren of cr____ve spirit
adj. relating to or involving the use of skill and original and unusual ideas to create something
15. his research area of
con_____ion
n. the ability to focus all your time and energy on one thing without thinking about anything else.
16. sp__k of suspicion
n. a very small spot, piece, or amount
17. evolutionary bi____y
n. the scientific study of life and the natural processes of living things
18. in_____za B strain
n. (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
19. a ch____al compound
adj. relating to or connected with chemistry;
20. de____p a skill
v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 10. predator, 11. spore, 12. indigenous, 13. evolve, 14. creative, 15. concentration, 16. speck, 17. biology, 18. influenza, 19. chemical, 20. develop

21. med_____on by mouth *n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
22. a bird in a c__e *n.* a structure made of metal bars or wire in which birds or animals can be kept
23. sp__e reproduction *n.* a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae
24. ad_____se the campaign *v.* to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it
25. an insect c__e *n.* a structure made of metal bars or wire in which birds or animals can be kept
26. cat_____ar of a butterfly *n.* the wormlike larva of a butterfly or moth
27. su____r bad grades *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
28. produce of_____ng *n.* descendant; any immature animal or plant
29. cr_____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
30. pr____r a window seat *v.* to like, choose, or want one thing or person better than another
31. tr_____it the disease *v.* to send or forward an electronic signal; to pass something from one person or thing to another

ANSWERS: 21. medication, 22. cage, 23. spore, 24. advertise, 25. cage, 26. caterpillar, 27. suffer, 28. offspring, 29. creative, 30. prefer, 31. transmit

32. int_____ng concept *adj.* arousing curiosity or interest, often due to a mysterious or complex quality; fascinating or captivating
33. di_____ea with abdominal pain *n.* a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications
34. development of va_____es *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
35. pull up a w__d *n.* a wild plant growing where it is not wanted and in competition with cultivated plants
36. li_____an extension *n.* the length of time for which a person, animal lives, or thing exists
37. mo_____h butterflies *n.* a person who rules a country, such as a king or queen
38. int_____ng character *adj.* arousing curiosity or interest, often due to a mysterious or complex quality; fascinating or captivating
39. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
40. an epidemic outbreak of in_____za *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

ANSWERS: 32. intriguing, 33. diarrhea, 34. vaccine, 35. weed, 36. lifespan, 37. monarch, 38. intriguing, 39. brain, 40. influenza

41. the mi_____on of birds *n.* the movement of animals to a new location, frequently as the seasons change
42. su___r a setback *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
43. traditional me_____al *adj.* of or relating to the treatment or cure of disease
44. an absolute mo_____h *n.* a person who rules a country, such as a king or queen
45. have an up__t stomach *adj.* causing or marked by anxiety, uneasiness, trouble, or grief; (verb) to make someone anxious, unhappy, or angry
46. w__ned me of the plan *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
47. bl___y massacre *adj.* covered in or smeared with blood; involving or characterized by bloodshed or brutality
48. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
49. int_____al blockage *adj.* relating to the intestines (= the part of the alimentary canal between the stomach and the anus) or bowel; located or occurring within the intestines or bowel
50. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 41. migration, 42. suffer, 43. medicinal, 44. monarch, 45. upset, 46. warn, 47. bloody, 48. evolve, 49. intestinal, 50. discovery

51. pa____te disease *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
52. a we_____e state *n.* the general health, happiness, and prosperous of a person or group
53. an oral va_____e *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
54. in____t biology *n.* any small creature that has six legs and a body divided into three sections
55. the cr_____or's claims *n.* a person, company, etc. to whom a debtor owes money
56. con_____ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
57. antibiotic med_____on *n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
58. sop_____ted look *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
59. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
60. st_____h virus *n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach

ANSWERS: 51. parasite, 52. welfare, 53. vaccine, 54. insect, 55. creditor, 56. concentration, 57. medication, 58. sophisticated, 59. medical, 60. stomach

61. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
62. exposure to to__c chemicals *adj.* of or relating to or caused by a poison; poisonous
63. child we_____e *n.* the general health, happiness, and prosperous of a person or group
64. bo___g work *adj.* lacking interest or excitement; tedious or dull
65. overseas mi_____on *n.* the movement of animals to a new location, frequently as the seasons change
66. in___t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
67. in___t antenna *n.* any small creature that has six legs and a body divided into three sections
68. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
69. person's smile is inf_____us *adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
70. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
71. against tr_____on *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

ANSWERS: 61. experiment, 62. toxic, 63. welfare, 64. boring, 65. migration, 66. infect, 67. insect, 68. opportune, 69. infectious, 70. develop, 71. tradition

72. a cr__y scheme *adj.* stupid or not sensible; very angry
73. li_____me benefits *n.* the duration of someone's life or something's existence;
74. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
75. bu_____ly effect *n.* a diurnal insect typically has a slender body with knobbed antennae and broad, colorful wings
76. to__c molecule *adj.* of or relating to or caused by a poison; poisonous
77. w__d management *n.* a wild plant growing where it is not wanted and in competition with cultivated plants
78. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
79. tr_____it information *v.* to send or forward an electronic signal; to pass something from one person or thing to another
80. pu___e freedoms *v.* to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
81. in___t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
82. get up__t *adj.* causing or marked by anxiety, uneasiness, trouble, or grief; (verb) to make someone anxious, unhappy, or angry

ANSWERS: 72. crazy, 73. lifetime, 74. medical, 75. butterfly, 76. toxic, 77. weed, 78. amazing, 79. transmit, 80. pursue, 81. infect, 82. upset

83. female of _____ng *n.* descendant; any immature animal or plant
84. sta _____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
85. upset st _____h *n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
86. cr __y about cars and racing *adj.* stupid or not sensible; very angry
87. toxic ch _____als *adj.* relating to or connected with chemistry;
88. di _____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
89. pu _____e a goal *v.* to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
90. li _____me ban from the sport *n.* the duration of someone's life or something's existence;
91. ind _____us crop *adj.* someone or something that is native to or occurring naturally in a particular place
92. pi __y personality *adj.* overly particular or selective, especially about food or other consumable goods; difficult to please or satisfy because of one's specific tastes or preferences

ANSWERS: 83. offspring, 84. statistics, 85. stomach, 86. crazy, 87. chemical, 88. disease, 89. pursue, 90. lifetime, 91. indigenous, 92. picky

93. di____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
94. h__l the hurt mind *v.* to make a wound or injury to become well again
95. an av___e of poplars *n.* a wide road in a town or city, especially with trees or tall buildings on both sides; a line of approach
96. an inf_____us fever *adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
97. la__a of a butterfly *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
98. exotic plants in a gre_____se *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
99. emissions of gre_____se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
100. an av___e to success *n.* a wide road in a town or city, especially with trees or tall buildings on both sides; a line of approach
101. a tr_____on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

ANSWERS: 93. disease, 94. heal, 95. avenue, 96. infectious, 97. larva, 98. greenhouse, 99. greenhouse, 100. avenue, 101. tradition

102. a moth la__a *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
103. achieve spe_____ar growth *adj.* striking or impressive to look at or in performance or achievement
104. ma_____a-endemic area *n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito
105. pr___r physics to chemistry *v.* to like, choose, or want one thing or person better than another
106. bankrupt cr_____or *n.* a person, company, etc. to whom a debtor owes money
107. spe_____ar view *adj.* striking or impressive to look at or in performance or achievement
108. po_____ne habitat *n.* a large, slow-moving, spiny mammal that is covered in sharp quills and is native to Asia, Africa, and certain parts of the Americas
109. det_____al to good health *adj.* causing harm or damage
110. the pa_____en in the air *n.* a bacterium, virus, or other microorganism that causes disease
111. sexual pr_____ors *n.* an animal whose natural behavior is to prey on others
112. li_____an retrieval curve *n.* the length of time for which a person, animal lives, or thing exists
113. ma_____a mosquitoes *n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito

ANSWERS: 102. larva, 103. spectacular, 104. malaria, 105. prefer, 106. creditor, 107. spectacular, 108. porcupine, 109. detrimental, 110. pathogen, 111. predator, 112. lifespan, 113. malaria

114. plant pa____en
n. a bacterium, virus, or other microorganism that causes disease
115. a sp__k of dust
n. a very small spot, piece, or amount
116. the most am____g feeling
adj. extremely surprising, especially in a way that you like or admire
117. int_____al bacteria
adj. relating to the intestines (= the part of the alimentary canal between the stomach and the anus) or bowel; located or occurring within the intestines or bowel
118. ad_____se on social media
v. to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it
119. a sop_____ted lifestyle
adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
120. op_____ne occasion
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
121. bl___y diarrhea
adj. covered in or smeared with blood; involving or characterized by bloodshed or brutality
122. exp_____nt design
n. the scientific test conducted to observe what happens and gain new knowledge
123. bo___g day
adj. lacking interest or excitement; tedious or dull
124. basic br__n function
n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

ANSWERS: 114. pathogen, 115. speck, 116. amazing, 117. intestinal, 118. advertise, 119. sophisticated, 120. opportune, 121. bloody, 122. experiment, 123. boring, 124. brain

125. the life cycle of a bu_____ly *n.* a diurnal insect typically has a slender body with knobbed antennae and broad, colorful wings
126. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
127. sy_____ms of low testosterone *n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
128. official sta_____cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
129. po_____ne movement *n.* a large, slow-moving, spiny mammal that is covered in sharp quills and is native to Asia, Africa, and certain parts of the Americas
130. co_____us effort *adj.* being aware of and able to respond to what is happening around you
131. h__l a broken bone *v.* to make a wound or injury to become well again
132. det_____al eating habits *adj.* causing harm or damage
133. chi_____ee society *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
134. chi_____ee behavior *n.* a small, very intelligent ape found in west and central Africa with black or brown fur

ANSWERS: 125. butterfly, 126. medicinal, 127. symptom, 128. statistics, 129. porcupine, 130. conscious, 131. heal, 132. detrimental, 133. chimpanzee, 134. chimpanzee

Session 3: Fill in the Blanks

1. The _____ fireworks display was the highlight of the festival.
adj. striking or impressive to look at or in performance or achievement

2. I have a _____ ache after overeating junk food.
n. the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach

3. The wooly bear _____ munched on leaves all day.
n. the wormlike larva of a butterfly or moth

4. X-rays revealed a small tumor in his _____.
n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

5. She struggled for years to survive without _____.
n. the general health, happiness, and prosperous of a person or group

6. Children often _____ parents with this head cold.
v. to affect a person, an animal, or a plant with a disease-causing organism

7. The _____ plants need to be pollinated by local insects.
adj. someone or something that is native to or occurring naturally in a particular place

8. I asked the lawyer to initiate _____ negotiations for voluntary liquidation.
n. a person, company, etc. to whom a debtor owes money

ANSWERS: 1. spectacular, 2. stomach, 3. caterpillar, 4. brain, 5. welfare, 6. infect, 7. indigenous, 8. creditor

9. Many zoos have _____ exhibits, allowing visitors to observe these intelligent primates up close.
- n.* a small, very intelligent ape found in west and central Africa with black or brown fur
10. It is a _____ in many families to have a big Thanksgiving dinner with all their relatives.
- n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
11. The _____ demonstrate that poverty and unemployment are genuine problems.
- n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
12. Bacteria and some algae also produce _____ as a means of survival and dispersal, and they are often found in soil, water, and other environments.
- n.* a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae
13. We must _____ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
14. The pharmacist not only prescribes the _____ but also guides its proper use.
- n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease

ANSWERS: 9. chimpanzee, 10. tradition, 11. statistics, 12. spores, 13. develop, 14. medication

15. The patient experienced severe abdominal pain due to an _____ infection.

adj. relating to the intestines (= the part of the alimentary canal between the stomach and the anus) or bowel; located or occurring within the intestines or bowel

16. This exam requires excellent _____ to pass.

n. the ability to focus all your time and energy on one thing without thinking about anything else.

17. The garden was full of _____ that needed to be pulled.

n. a wild plant growing where it is not wanted and in competition with cultivated plants

18. Eyeless fish _____ in dark caves.

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

19. Parents often _____ their characteristics to their children.

v. to send or forward an electronic signal; to pass something from one person or thing to another

20. The lecture was so _____ that many people fell asleep.

adj. lacking interest or excitement; tedious or dull

21. Many people in tropical countries die from _____ every year.

n. a severe disease caused by a parasite that is spread by the bite of an infected mosquito

22. The _____ team worked quickly to save the patient's life.

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

ANSWERS: 15. intestinal, 16. concentration, 17. weeds, 18. evolved, 19. transmit, 20. boring, 21. malaria, 22. medical

23. Tapeworms are _____ that live in the intestines of humans and animals.
n. an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
24. He became _____ that he was being followed.
adj. being aware of and able to respond to what is happening around you
25. The birds _____ open water areas with reeds around them.
v. to like, choose, or want one thing or person better than another
26. The doctor diagnosed him with a rare _____ that had no known cure.
n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
27. mRNA vaccines are approved faster because they do not contain inactivated _____.
n. a bacterium, virus, or other microorganism that causes disease
28. Leprosy is an indolent _____ disease.
adj. able to be passed quickly from one person, animal, or plant to another, especially through air or water
29. The plane was just a _____ in the sky.
n. a very small spot, piece, or amount
30. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
31. They explored every _____ they could think of.
n. a wide road in a town or city, especially with trees or tall buildings on both sides; a line of approach

ANSWERS: 23. parasites, 24. conscious, 25. prefer, 26. disease, 27. pathogens, 28. infectious, 29. speck, 30. amazing, 31. avenue

32. The patient displays a _____ of a side effect.
n. any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
33. The trapped bear is running amok in its _____.
n. a structure made of metal bars or wire in which birds or animals can be kept
34. The mRNA _____ was approved in less than a year because it did not contain the fragments of the target virus.
n. a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
35. My _____ eater only likes to eat certain types of vegetables.
adj. overly particular or selective, especially about food or other consumable goods; difficult to please or satisfy because of one's specific tastes or preferences
36. The quills on a _____ back are used for defense.
n. a large, slow-moving, spiny mammal that is covered in sharp quills and is native to Asia, Africa, and certain parts of the Americas
37. This chemical compound is a thousand-fold more _____.
adj. of or relating to or caused by a poison; poisonous
38. I had a terrible case of _____ and couldn't stop going to the bathroom.
n. a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications
39. She intends to _____ a political career.
v. to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them

ANSWERS: 32. symptom, 33. cage, 34. vaccine, 35. picky, 36. porcupine's, 37. toxic, 38. diarrhea, 39. pursue

40. The phone rang at the most _____ time.

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

41. The rain and thunder are _____ today.

adj. stupid or not sensible; very angry

42. The _____ effect is a phenomenon that happens naturally.

n. a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

43. Her research team made an important _____.

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

44. These _____ are more prevalent above a certain latitude.

n. any small creature that has six legs and a body divided into three sections

45. The research institute allocated a lot of money to study the cause and prevention of _____.

n. (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

46. In junior high school, we had to dissect a frog in _____ class.

n. the scientific study of life and the natural processes of living things

47. The novel's plot was _____ and kept readers in their seats.

adj. arousing curiosity or interest, often due to a mysterious or complex quality; fascinating or captivating

ANSWERS: 40. opportune, 41. crazy, 42. greenhouse, 43. discovery, 44. insects, 45. influenza, 46. biology, 47. intriguing

48. The firm has grown into a large _____ manufacturing.

adj. relating to or connected with chemistry;

49. Generally speaking, men have a shorter _____ than women.

n. the length of time for which a person, animal lives, or thing exists

50. All the supervisor has to do is assign tasks that make his subordinates more _____.

adj. relating to or involving the use of skill and original and unusual ideas to create something

51. We want to _____ our company through your media.

v. to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it

52. The older man _____ from arthritis and finds it difficult to move around.

v. to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant

53. He was awfully _____ by the news.

adj. causing or marked by anxiety, uneasiness, trouble, or grief; (verb) to make someone anxious, unhappy, or angry

54. She came from a commoner background but eventually became the _____ of that country.

n. a person who rules a country, such as a king or queen

55. The butterfly emerged from its _____ stage.

n. the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

ANSWERS: 48. chemical, 49. lifespan, 50. creative, 51. advertise, 52. suffers, 53. upset, 54. monarch, 55. larva

56. Marketing strategies are growing more _____.

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

57. His _____ showed highly positive results.

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

58. I attempted to _____ him, but he ignored me.

v. to make someone aware of potential danger or difficulty, particularly one that may occur in the future

59. How many _____ does the average lion have?

n. descendant; any immature animal or plant

60. The new policy had a _____ impact on small businesses.

adj. causing harm or damage

61. She had lived through two world wars in her _____.

n. the duration of someone's life or something's existence;

62. The _____ properties of this herb have been known to help with various ailments.

adj. of or relating to the treatment or cure of disease

63. The crime scene was _____ and gruesome.

adj. covered in or smeared with blood; involving or characterized by bloodshed or brutality

64. He enjoys collecting _____ specimens.

n. a diurnal insect typically has a slender body with knobbed antennae and broad, colorful wings

ANSWERS: 56. sophisticated, 57. experiments, 58. warn, 59. offspring, 60. detrimental, 61. lifetime, 62. medicinal, 63. bloody, 64. butterfly

65. There was a _____ of impoverished farmers into the towns.

n. the movement of animals to a new location, frequently as the seasons change

66. The native South American animals were in danger because of the _____ arrival.

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

67. It will take time for her mental scars to _____.

v. to make a wound or injury to become well again

ANSWERS: 65. migration, 66. predator's, 67. heal